

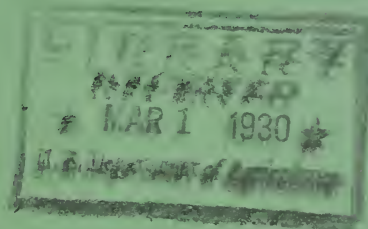
## **Historic, Archive Document**

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**CASSEL'S DEPENDABLE  
SEEDS--FEEDS  
POULTRY AND FARM SUPPLIES**



**1930**

**CASSEL'S SEED STORE**

FOUNDED 1881

**F. P. CASSEL'S SON**

**W. MAIN STREET**

**LANSDALE**

Vegetable Seed Trials

D. N. Shoemaker

MAR 5 1930

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## **To Our Customers**

We select our Seeds with great care for both our customers' and our own interests. We endeavor to supply only those Seeds that are of the highest quality and germination, coming from most reliable Seed growers, having been grown under careful supervision. Varieties that from the tests by growers and reports from our customers have been found to give the most desirable results.

Most of the failures of Seeds, Plants, and Bulbs are due to various causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, fertilizing, cultivation, etc., which renders it impossible for us to guarantee successful results; and all our Seeds are sold with the understanding that, if purchaser does not accept Seeds on these terms, they shall be returned to us at once, and amount paid will be refunded.

**DISCLAIMER**—F. P. Cassel's Son gives no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs, roots or plants he sells and will not be responsible for the crop.

**TERMS:** Our terms are strictly cash with order. Remittance may be made by Postal Money Orders, Stamps, Registered Letter, or personal check. Where personal check is received from unknown parties, same will be cashed before order is executed. All bags and packages are included on Seeds and Feeds without extra charge. All prices are subject to change, unsold, confirmation.

Regular Business Hours—7 A.M. to 6 P.M. except Saturday closes at 12 o'clock noon. For the convenience of our customers coming from a distance, during the months of MARCH, APRIL and MAY store is open on SATURDAY AFTERNOONS until 4.30.

During the summer months while Daylight Saving is in effect, we operate on the Daylight Saving Schedule.

## **CASSEL'S SEED STORE**

**F. P. Cassel's Son—Lansdale, Pa.**

**(S. H. CASSEL)**

Errors and Omissions Excepted

February 15, 1930

Bell Phone 123

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For the Convenience and Economy of Our Customers  
For Season 1930

## **We Pay Postage or Freight**

On Any Quantity

### **Vegetable and Flower Seeds**

And on One Bushel or More

#### **Red Clover, Alsike, Alfalfa, Sweet Clover**

To Points in Pennsylvania, New Jersey, Delaware, and Maryland.  
When Remittance is Enclosed with Order.

Prices on Roots, Bulbs, Onion Sets and all other Merchandise named herein except where noted are F. O. B., Lansdale. Bags Free.

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Have a Beautiful Lawn—Use

### **GREEN QUICK LAWN GRASS SEED**

This is composed of a selection of the most desirable grasses, including Blue Grass and White Clover, for quickly producing a beautiful lawn and at the same time contains the varieties that are needed to make a permanent lawn, forming a thick, fine turf that will stand drought well. It grows quickly, and we recommend its use on new lawns and embankments. It has been giving most excellent and pleasing results in past years. Contains only the highest reclaimed qualities of the heaviest grades of seed and we avoid using grades of seed that are light and bulky, containing a large amount of chaff, which could be sold at a much less price but cannot produce the desired results. Light weight seed containing much chaff is usually sold by quart or bushel measure and to the buyer this is paying for an unknown quantity and quality.

1 lb., 40c; 10 to 24 lbs., @ 38c lb.; 25 lbs. and over @ 35c lb.

### **EVERGREEN LAWN GRASS SEED**

This mixture is prepared especially for seeding established lawns during the spring and early summer to renew and maintain a continued thick, soft, velvety turf, containing sufficient White Clover to produce a beautiful blend of grasses.

1 lb., 40c; 10 to 24 lbs., @ 38c lb.; 25 lbs. and over @ 35c lb.

### **SHADY LAWN GRASS SEED**

Prepared especially for use under trees and in shaded spots.

1 lb., 50c; 10 to 24 lbs., @ 48c lb.; 25 lbs. and over @ 45c lb.

### **BLUE GRASS**

KENTUCKY — Highest quality.  
Extra heavy seed.

\$30.00 per 100 lbs.; 40c per lb.

#### **CANADIAN—**

\$27.00 per 100 lbs.; 32c per lb.

CREEPING BENT—per lb., 80c.

### **WHITE DUTCH CLOVER**

Generally used for lawns. Also used in mixtures for permanent pasture. Our quality is extra fancy.

We make special effort to obtain this extra fancy quality, which is not to be compared with most of the White Clover offered.

100 lbs., \$35.00; 1 lb., 40c.



## ASPARAGUS SEED

Culture—1 oz. should produce about 400 plants.

Sow early in spring about 1 inch apart in rows 2 ft. apart and cover lightly. Keep free from weeds and reset in fall or following spring.

**BARR'S MAMMOTH**, Green Sprout; **PALMETTO**, Green Sprout; **GIANT ARGENTEUIL**, White Sprout.

Pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 50c; lb., 80c.

**MARY WASHINGTON**, Dark Green Sprout.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., 90c; lb., \$1.60.

### ASPARAGUS ROOTS

Market is variable, prices subject to change.

Culture—5000 roots to 1 acre. 100 per 100 ft. row.

Plant early in spring. Select good loamy soil. Cultivate deep. Dig trench 12 to 15 inches deep. Fill in with bone, stable or other good manure to within 10 inches of top. Cover with 2 inches ground, set roots 12 to 15 inches apart and fill in to top of trench. Place rows in garden 2 ft. apart, in field culture 4 ft. apart.

**WASHINGTON**—A new rust-resisting asparagus recently introduced, which is highly recommended and may largely replace older varieties. A heavy yielding variety with long thick, heavy stalks, closely folded at the tips. Does not open out or begin to sprout until well out of the ground. Color, rich, dark green.

Per 1000, \$12.00;  
500, \$6.50; 100, \$1.50;  
less than 100 @ 2c each.

### PALMETTO

### BARR'S MAMMOTH

### GIANT ARGENTEUIL

Per 1000, \$9.00;  
500, \$5.00; 100, \$1.40;  
less than 100 @ 2c each.

Salt for Asparagus—100 lbs., \$1.20; ton, \$23.00.

Asparagus Knives, V shaped blade, 55c.

Asparagus Buncher, \$4.75

Asparagus Twine, Jute — Many ends, cut to size as wanted, lb., 35c.

Asparagus and Celery Tape —Red, and Blue. Fast colors. 1000 yard spool. Light weight, \$1.70; Heavy, \$2.95.



Washington Asparagus

## BROCCOLI

Is similar to and culture is same as Cauliflower.

### ITALIAN GREEN SPROUTING—

Pkt., 25c; oz., \$1.25; 4 oz., \$4.00; lb., \$14.00.

## BRUSSELS SPROUTS

Culture—Same as cabbage, which it resembles, the edible part being the numerous small heads or sprouts formed on the stalk at each joint. Plant about May 15th.

### LONG ISLAND—

Pkt., 10c; 1/2 oz., 17c; oz., 25c; 4 oz., 85c; 8 oz., \$1.55; lb., \$2.90.

## BEETS

Culture—2 oz. to 100 ft., 5 to 6 lbs. to acre.

Plant in light, rich, well-worked soil as early in Spring as ground will permit, in rows from 12 to 24 inches apart, about  $\frac{1}{4}$  inch deep. For main crop sow early in May and for winter use sow in June. Thin out to 3 inches apart.

**CASSEL'S FAVORITE EARLY**—A special selection of Crosby with smaller top and tap root, uniform. Very dark red with little tendency to zoning. An excellent variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.25.

**EARLY ECLIPSE**—A desirable variety for either market or home gardens. Rapid growth, excellent globe-shaped form, small tops, medium size, bright red or crimson flesh, fine grained and of a delicious flavor. Matures for use in 40 to 45 days.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., \$1.00.

**DETROIT DARK RED**—An excellent medium early or main crop variety for home or market gardeners and for canning purposes. Roots uniformly smooth, of medium size, globe shaped. Skin dark red, flesh solid, rich blood red, sweet, tender and delicious. The tops are small, dark green shaded with red, and of upright growth, thus allowing planting in close rows, a valuable feature where space is limited. Fine for market bunching. Matures for use in 48 to 52 days.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.10.

**DELICIOUS VERY DARK RED**

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 80c.

**CROSBY'S EGYPTIAN**

**HALF LONG BLOOD**

**BASSANO**

**CRIMSON GLOBE**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.10.

## MANGLE BEETS FOR FEEDING

Culture—2 oz. to 100 ft.; 5 to 6 lbs. to acre.

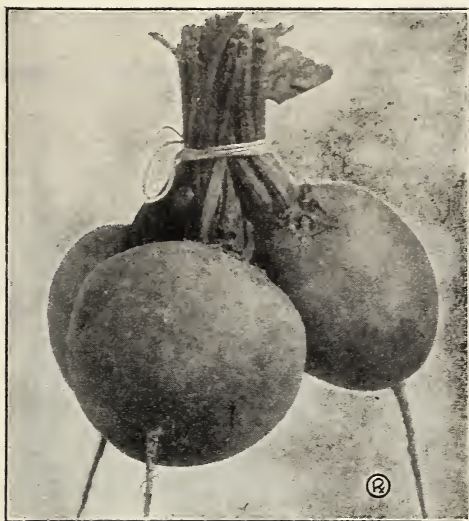
Sow early in May in rows 2 to 3 ft. apart. Seed should be dropped 2 inches apart. Cover with 1 inch of soil. Later thin out to stand 9 to 15 inches apart.

**MAMMOTH LONG RED**—Attains very large size, producing 30 to 50 tons to the acre. Roots long and uniformly round, light red, growing well above the ground. Flesh rose colored and white.

Oz., pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 35c; lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50.

**GOLDEN TANKARD**—Roots large, long and round in shape, narrowing abruptly at both ends. Skin deep orange yellow. Flesh is yellow zoned with white. Neck and top are small. Sweet and productive.

Oz., pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 35c; lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.50.



Cassel's Favorite Beet

## BROOM CORN

Culture—Sow in drills 3 ft. apart, about 8 lbs. to acre, thinning out stalks to stand 8 to 10 inches apart in the row. Cultivate like corn. Cut when seed is in the milky state.

$\frac{1}{2}$  pt., 10c., pt., 17c; qt., 30c; 2 qt., 55c; 5 lbs., 90c; 10 lbs., \$1.60.



Bean Prices Are  
Postage or Freight  
Prepaid—See Page 1

## **BEANS**

### **Dwarf Wax Pod Varieties**

**Culture**—1 pt. to 100 ft.; 1 bu. per acre.

A succession of plantings can be made from May 1 to August 1. Plant in rows or drills 18 to 24 inches apart, 2 inches deep and beans about 2 inches apart.



**Cassel's Favorite Round Pod Wax Beans**

**NOTE**—Our prices per quart are equal to about 2 lbs.

**CASSEL'S FAVORITE ROUND POD WAX (Brittle Wax)**—An excellent early round podded stringless variety of highest quality, maturing early, prolific. Pods 5 to 6 inches long and of a light yellow wax-like color. Seed white with a brownish-black eye. This is our leading wax bean and will please the most critical trade. Matures for use in 45 to 50 days.

$\frac{1}{2}$  pt., 23c; pt., 40c; qt., 75c., 2 qt., \$1.40; 4 qt., \$2.60; 15 lbs., \$4.80; 25 lbs., \$7.25; 50 lbs., \$14.00; 100 lbs., \$27.00.

**EARLY PROLIFIC WAX**—An extra early wax variety of highest quality, semi-round stringless, very fleshy. Pods 6 to 6 $\frac{1}{2}$  inches long, uniformly curved, brittle. Plant vigorous and productive. Color of pod, bright yellow. Seed, amber. Matures for use in 40 to 45 days, about one week earlier than our Favorite Round Pod Wax.

$\frac{1}{2}$  pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.50; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.

**UNRIVALLED WAX      CRYSTAL WAX      WEBBER'S WAX**

$\frac{1}{2}$  pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.50; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.

**DELICIOUS BLACK WAX (Pencil Pod)**

Pods round, nearly straight, 6 to 7 inches long, rich yellow, stringless, tender and of highest quality. Plant healthy and prolific. Matures early.

$\frac{1}{2}$  pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.50; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.



## **BEANS—Continued**

### **Dwarf Green Podded Varieties**

Bean Prices Are  
Postage or Freight  
Prepaid—See Page 1

**GIANT STRINGLESS GREEN POD**—Most desirable of the green podded varieties. Pods 5 to 6 inches long, round stringless, brittle and very fleshy, early, hardy and of high quality. Matures for use in 40 to 45 days.

½ pt., 25c; pt., 45c; qt., 80c; 2 qt., \$1.50; 4 qt., \$2.80; 15 lbs., \$4.95; 25 lbs., \$7.50; 50 lbs., \$14.50; 100 lbs., \$28.00.

**BOUNTIFUL**—Most productive flat green podded stringless type. Vigorous and disease resisting. Pods 6 inches long, broad, thick, very brittle, light green in color. Matures for use in about 50 days.

½ pt., 25c; pt., 45c; qt., 80c; 2 qt., \$1.50; 4 qt., \$2.80; 15 lbs., \$4.95; 25 lbs., \$7.50; 50 lbs., \$14.50; 100 lbs., \$28.00.

### **IMPROVED RED VALENTINE**

#### **DWARF HORTICULTURAL (Italian Bean)**

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.50; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.

## **Winter Shelling Dwarf**

**Culture**—Same as Wax Beans except they should not be planted until after June 20th to avoid weevil.

### **WHITE NAVY or PEA BEAN**

### **LARGE WHITE MARROW**

#### **WHITE KIDNEY**

#### **RED KIDNEY**

½ pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.15; 4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

## **Pole or Running**

**Culture**—Similar to Pole Limas.

**GOLDEN CLUSTER WAX**—An excellent pole wax podded variety. Vigorous, hardy and productive. Pods 6½ to 7 inches long, straight, broad and flat, very fleshy, attractive and high quality. Color light waxy yellow. Bean white, oval shaped. They remain in condition for use a long time. Mature for use in about 70 days.

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.50; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.

**KENTUCKY WONDER or OLD HOMESTEAD (Green Pod)**—The most desirable green podded climbing or corn-hill bean. Pods 8 to 9 inches long, slender, decidedly curved, tender, of good quality and productive. Mature for use in 65 to 70 days.

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.25; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

### **IDEAL MARKET (Green Pod—Early and Productive.)**

#### **LAZY WIFE (Green Pod)**

#### **CASE KNIFE (Green Pod)**

#### **HORTICULTURAL (Green Pod)**

#### **KENTUCKY WONDER WAX**

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.50; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.

## BUSH LIMA BEANS

Our Bean Prices Are  
Postage or Freight  
Prepaid—See Page-1

Culture—1 pt. to 100 ft.  
row; 1 bu. per acre.

Plant after May 20th in rows  
2 to 3 ft. apart and place bean  
with eye down 6 inches apart

in the row. Cover with about 1 inch soil.

NOTE—Our prices per quart are equal to about  
2 pounds.

**FORDHOOK BUSH LIMA**—A most excellent  
variety of highest quality. Pods about 5 inches  
long, containing 4 to 5 large, oval-shaped, very  
thick beans. Produces beans in clusters and  
plants are of a strong upright growth, prevent-  
ing rotting during wet weather. Mature for use  
in 70 to 75 days. Have a distinctive mealy  
taste. Crop is short and it may be necessary to  
advance prices on this variety later.

½ pt., 25c; pt., 45c; qt., 85c; 2 qt., \$1.60;  
4 qt., \$3.10; 15 lbs., \$5.50; 25 lbs., \$8.00;  
50 lbs., \$15.50; 100 lbs., \$30.00.

**IMPROVED BUSH LIMA**—Bean is large and  
thick. Pods measure 5 to 6 inches long, are  
strong and vigorous, producing attractive pods  
in clusters and are of a delicious flavor. Pro-  
ductive and more hardy for early planting than  
some types, being less likely to rot in cold  
weather.

½ pt., 25c; pt., 45c; qt., 80c; 2 qt., \$1.50;  
4 qt., \$2.80; 15 lbs., \$4.95; 25 lbs., \$7.50;  
50 lbs., \$14.50; 100 lbs., \$28.00.

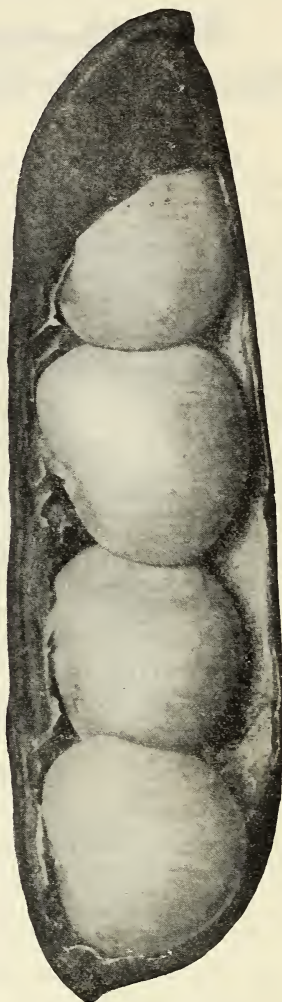
**HENDERSON BUSH**—Small flat bean.

½ pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.15;  
4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50;  
50 lbs., \$10.50; 100 lbs., \$20.00.

## POLE LIMA BEANS

Culture—1 qt. to 150 hills.

Plant after May 20th in rich, loamy soil. The  
germ is delicate and the ground should be warm. Set  
poles 3 ft. apart each way. Plant 4 beans to a hill,  
eye of bean down. Cover with 1 or 2 inches soil.



Fordhook Bush Lima

**GIANT GREEN PROLIFIC**—Most desirable of the flat pole limas. Large  
pods about 6 to 7 inches long, borne in clusters. Of excellent quality.

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.20;  
25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

**DREER'S IMPROVED or CHALLENGER**—Plants vigorous, hardy and  
productive. Pods contain 4 to 5 thick medium size light green beans. Also  
known as Potato Lima. Produces more shelled beans than the flat podded  
sorts. Continue to produce for a long time.

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.20;  
25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

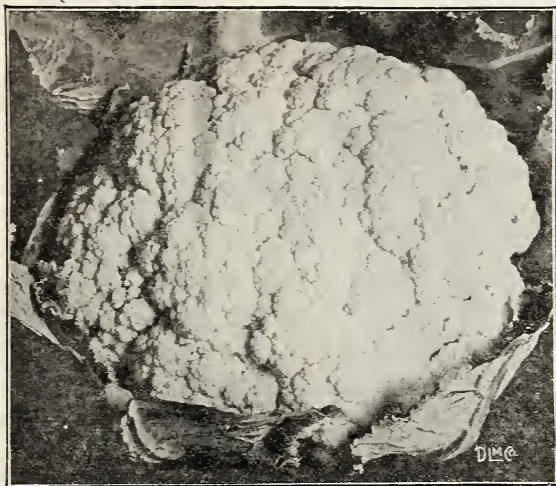
**KING OF THE GARDEN**

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.20;  
25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

## CAULIFLOWER

**Culture**—1 oz. should produce 2000 plants.

May be grown both early and late. For early crop, sow in hotbeds, January or February and transplant after freezing weather. For late crop, sow in May or June. Set plants 24 to 36 inches apart each way. Fertilize with light dressing of Nitrate of Soda and Potash.



Snowball Cauliflower

**SNOWBALL**—The finest and most popular early variety, producing heads of good size, firm, compact, solid and very white, with few short outside leaves

Pkt., 10c and 20c;  $\frac{1}{4}$  oz., 75c.;  $\frac{1}{2}$  oz., \$1.35; oz., \$2.50; 4 oz., \$7.90.

**DRY WEATHER**—Large, medium early variety producing compact heads. Has remarkable heat-resisting qualities. Desirable for growing in dry locations.

Pkt., 10c and 20c;  $\frac{1}{4}$  oz., 75c.;  $\frac{1}{2}$  oz., \$1.35; oz., \$2.50; 4 oz., \$7.90.

## CHINESE or CELERY CABBAGE

**Culture**—Grows like Cos Lettuce. Sow seed like Cabbage in February in hotbeds or main crop early in July. Will not stand frost.

**PE-TSAI**—Pkt., 10c;  $\frac{1}{2}$  oz., 22c; oz., 35c; 2 oz., 55c; 4 oz., 90c; 8 oz., \$1.60; lb., \$3.00.

**CHIH LI**—Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c; 2 oz., 75c; 4 oz., \$1.35.

## CORN SALAD

**Culture**—1 oz. to 100 ft. row.

For summer use, sow early in spring.; for winter and spring use, sow in August and September. Rows about 1 ft. apart. Use same as Lettuce or Spinach.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 90c; lb., \$1.75.

**USE**

**WIZARD**  
TRADE BRAND

**Sheep Manure**

**FOR VEGETABLES,  
FLOWERS, BULBS**



## SWISS CHARD

**LUCULLUS**—An improved type, upright growth, leaves yellowish-green, much crumpled and curled. Mid-rib and veins white. Stalks thick, broad and flat. A delicious vegetable when cooked and served like Asparagus.

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 38c; 8 oz., 60c; lb., \$1.00.



Swiss Chard

**FORDHOOK GIANT** — As good as Spinach—yields all summer long. Fordhook Giant is an outstanding new Swiss Chard. The rich blue-green leaves are much crinkled or savoyed, and when fully grown, average 10 in. in width by 2½ ft. in length. The texture of the leaves is thick and fleshy, and their quality is highly appreciated when they are boiled. The stems or stalks are pearly white, and they measure 2½ in. in width. They are thick and succulent and may be served as a separate dish in the same manner as Asparagus. Swiss Chard is one of the great health-giving greens.

Pkt., 10c; oz., 20c., 2 oz., 35c;  
4 oz., 55c; 8 oz., 85c; lb., \$1.50.

## CARROTS

**Culture**—1 oz. to 100 ft. row; 4 lbs. to acre.

Seed may be sown early in spring as soon as the weather will permit and may be continued until middle of July. For main crop, sow during May. Thin out plants to 5 or 6 inches apart. Rows should be 18 to 24 inches apart.

**IDEAL CORELESS** — A new early variety of highest quality, free from woody heart or core. Deep orange color and exceptionally smooth. Size 6 in. by 1½ in. Crisp and sweet.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.25; lb., \$2.00

### DANVER'S HALF LONG

—The best medium early main crop variety. Roots 6 to 8 inches long, tapering to a blunt end. Deep orange, tender and of excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.20.

### CHANTENAY (Similar to Danver's)

### EARLY OXHEART

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.20.

### WHITE BELGIAN and YELLOW BELGIAN

Oz. Pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 55c; lb., 95c; 5 lbs., \$4.50;  
10 lbs., \$8.00.



Ideal Coreless Carrot



**OUR SEEDS ARE GERMINATION TESTED**

## **CABBAGE**

Culture—1 oz., for 2000 plants; 4 to 6 oz. for plants for 1 acre.

Early varieties should be sown in hotbeds in February. Set out early in April, weather permitting, in rows about 2 ft. apart and 18 to 24 inches between the plants in the row. Early crop should mature in July. Plant second early varieties in April and set out in May, which mature in August and September. For late fall and winter use, plant in May and June, set out in July and crop matures in October and November. To prevent green worms and bugs on Cabbage, use Slug Shot. For aphids, or louse, use Tobacco Dust or Nicotine Sulphate. Tobacco powder mixed in ground will help overcome the cut worms and stem borers.



**Golden Acre Cabbage**

**GOLDEN ACRE**—A new special extra early selection of Copenhagen type and the earliest of the round-headed cabbages. Plant dwarf and compact with few outer leaves. Heads of medium size, round as a ball, hard, solid, and very uniform. About 10 days earlier than Copenhagen, making it a very valuable sort. Pkt., 10c;  $\frac{1}{4}$  oz., 22c;  $\frac{1}{2}$  oz., 35c; oz., 60c; 4 oz., \$1.80; 8 oz., \$3.20; lb., \$6.00.

**COPENHAGEN MARKET**—The best extra early variety. Very fine quality. Stems short, heads large, uniform, round and very solid with few outer leaves. Of an upright growth. Heads average about 8 to 10 lbs.. Will stand a long time without bursting. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c; 2 oz., 80c; 4 oz., \$1.45; 8 oz., \$2.60; lb., \$4.80.

**HOLLANDER or DANISH BALL HEAD (Short Stem)**—One of the very best leading hardy winter sorts. Heads large, round and very solid. Fine keeper. Excellent quality. Strong growth. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c; 2 oz., 70c; 4 oz., \$1.30; 8 oz., \$2.50; lb., \$4.50.

**WINNINGSTADT**

**LATE FLAT DUTCH**

**HOUSER**

**DRUMHEAD SAVOY**

**LATE DRUMHEAD**

**RED DUTCH**

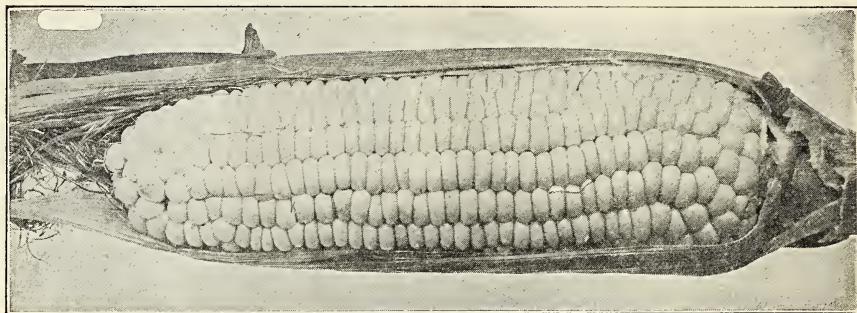
**EARLY JERSEY WAKEFIELD**

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.60; lb., \$2.90.

## CASSEL'S DEPENDABLE SEEDS

Our Corn Prices Are  
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### CORN



Cassel's New Wonder Corn

**Culture**—1 qt. for about 600 ft.; 6 to 8 qts. per acre.

Plant early varieties as soon as soil is in good condition, late varieties from May 20th to July 4th, in rows about 3 ft. apart. Thin out to stand 12 inches apart in row. The early varieties often prove more profitable on account of the scarcity and high price in early season even though ears are not so large. We advise planting 3 to 5 varieties at one time and Corn will then mature in succession. Soil should be well manured and freely cultivated. We recommend the following succession planted at one time: Cassel's New Wonder, Howling Mob, Early Mammoth, Cassel's Favorite and Dependable Evergreen.

**CASSEL'S NEW WONDER**—Extra Early (see illustration)—Our leading extra early variety, ready for use in about 60 days. Grains deep, rows straight, stalks 5 to 6 ft. high, of unusual vigorous growth. Often two ears to the stalk. Ears 8 inches long, rather blocky in form, 16, 18 and often 20 rowed; filled to the end, with rather narrow, deep, wedge-shaped grains of silvery whiteness and high sugar content. This corn has met with unusual favor and praise from our customers. We recommend it very highly. Of special value to market gardeners.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.65; 8 qt., \$3.10; 25 lbs., \$5.75; 50 lbs., \$10.50; 100 lb., \$20.00.

**CASSEL'S GOLDEN DELICIOUS**, Extra Early—A remarkable yellow sweet corn of much merit. While the stalks grow 6 ft. or more in height and the 14-rowed ears are 7 to 8 inches in length, this variety matures about 3 days earlier than Golden Bantam. Kernels are broad, deep, and of excellent quality.

½ pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lbs., \$22.00.

**CASSEL'S FAVORITE**—While this variety is not as early as our New Wonder, it is our preference above all other table corn for general crop. Good size ears with very thin cob, especially sweet and of highest quality, remaining in a continuous edible milky condition for a longer period than other corns. Usually produces two or three ears to stalk. We believe it unequalled for quality. It is the slowest corn to harden that we know of.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

## **CORN—Continued**

**EXTRA EARLY GOLDEN SUNSHINE**—Earliest of the Golden Bantam type, maturing a week to ten days earlier than that variety. More dwarf in habit than Bantam, with ears  $6\frac{1}{2}$  inches long, containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness. Does not harden as quickly as Bantam. Often has two ears to stalk.

$\frac{1}{2}$  pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lbs., \$22.00.

**EXTRA EARLY MORNING STAR**—The first early corn with decided merit for the market gardener. Ears 6 to 7 inches long, 12 to 14 rows, white grain.

$\frac{1}{2}$  pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lbs., \$22.00.

**HOWLING MOB**—One of the finest second early, 65-day corns. Ears are 9 to 10 inches long, 16-rowed, white, and of fine quality. Very productive.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**EARLY MAMMOTH**—A medium early Corn, about 70 days. Ears 8 to 9 inches long, 14-row, broad, tender and sugary. Medium deep grain. A ready seller for market gardeners.

$\frac{1}{2}$  pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.60., 8 qt., \$2.85; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**COUNTRY GENTLEMEN** (Sometimes called Shoepeg)—An especially fine quality Corn. Ears 7 to 8 inches long, small cob, deep slender white grains running zigzag without row formation. About 75 days.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**CASSEL'S DEPENDABLE EVERGREEN** (Narrow Grain)—A splendid high quality evergreen, slightly earlier than Stowell's. About 75 days. Large ear with small cob, having 18 to 20 rows of very deep, narrow white grains. We believe it is the most desirable canning variety.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**STOWELL'S EVERGREEN**—The standard and best known sweet corn. Long ears with deep, broad, sweet grains. Of high quality and much in demand.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**GOLDEN BANTAM      WHITE EVERGREEN      BLACK MEXICAN**

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

## **POP CORN**

**WHITE RICE**

**GOLDEN QUEEN**

**JAPANESE RICE**

**RED BEAUTY**

4 oz., 10c; 8 oz., 15c; lb., 25c

**PLANTABBS—**

Odorless plant food in tablet form for potted and outdoor plants and flowers. 25c, 50c and \$1.00 pkgs.



# CELERY

Culture—1 oz. for 4000 plants.

Plant early in hotbed or open ground, providing moist, loose or sandy soil. Ground should be kept moistened. It will be found convenient to lay boards of 3 or 4 inches width and about 1 inch apart, planting seeds between the boards. This will keep a constant moisture and prevent weeds from choking out the plants when small. After Celery is 2 or 3 inches high, remove boards and transplant or reset in trench 6 to 9 inches deep. Well-rotted manure in the bottom of trench, covered with ground, will be of advantage. When plants are half grown, a weak application of Nitrate of Soda in water will force growth. Set plants 6 to 8 inches apart. To bleach, gradually hill up the stalks, taking care that no earth falls into the hearts.

## IMPROVED WHITE PLUME

—An excellent early variety, easily blanched. A beautiful silvery-white color. A popular variety for first early market.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 85c; 8 oz., \$1.50; lb., \$2.85.

**EASY BLANCHING**—A new variety resembling Golden Self-Blanching except the leaves are green and stalks blanch white instead of yellow. It is more hardy and less liable to blight. Stocky of growth and of medium height. Excellent winter keeper as well as for early use. Of high quality. Pkt., 10c; ½ oz., 40c; oz., 65c; 2 oz., \$1.15; 4 oz., \$2.00; 8 oz., \$3.80; lb., \$7.50.



Cassel's Favorite Celery

**CASSEL'S FAVORITE**—Plants dwarf and stocky with large, full, light yellow hearts. Stalks are thick, almost round, of a rich yellow color, and very crisp. Very tender and too brittle for shipment to distant markets. Is considered unsurpassed for its rich, nutty flavor. A superior variety for fall and winter use.

Pkt., 10c; ½ oz., 40c; oz., 70c; 2 oz., \$1.25; 4 oz., \$2.30; lb., \$8.00.

**DWARF GOLDEN SELF-BLANCHING**—Considered the finest early celery. Compact, stocky, with yellowish-green foliage. Stalks solid, of a fine nutty flavor. Attains good size. Blanches a uniform golden-yellow color.

Pkt., 10c; ½ oz., 40c; oz., 70c; 2 oz., \$1.25; 4 oz., \$2.30; lb., \$8.00.

**GOLDEN PLUME or WONDERFUL**—Resembles Golden Self-Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Blanches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

Pkt., 10c and 25c; ½ oz., \$1.00; oz., \$1.75; 2 oz., \$3.25; 4 oz., \$5.75; 8 oz., \$10.00; lb., \$18.00.

## GIANT PASCAL

## SWEET NUT

## WINTER QUEEN

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 85c; 8 oz., \$1.60; lb., \$2.95.



## CUCUMBER

**Culture**—1 oz. to 50 hills; 2 lbs. to 1 acre.

Plant in warm, moist, rich, loamy ground as soon as weather is favorable. Plant in hills about 4 ft. apart each way. Mix well-rotted manure with soil. Plant thick on account of insects destroying the young plants. Dust with Slug Shot or Hydroxide (Bordeaux-Arsenate of Lead Mixture) to prevent insects and produce vigorous growth. Spray every 10 days until plants start bearing. Thin out when well started and danger of insects is past, leaving 4 or 5 strong stalks remain to each hill. Continue planting for a succession. Gather when large enough for use whether required or not; if left to ripen on vine, plants stop bearing. Tobacco powder mixed in ground will help overcome cut worms and stem borers.



Typical Specimens of our Stock of Gem Prolific Pickling Cucumber

**GEM PROLIFIC PICKLING**—Early, symmetrical, uniform and productive pickling variety. Small,  $2\frac{1}{4}$  inches in diameter and 5 inches long, square ended, dark green in color. A selected strain and popular with growers of small pickles. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.30.

**EARLY FORTUNE**—The finest type of white spine yet produced. Early, very productive, and disease-resistant. Fruit  $2\frac{1}{2}$  inches in diameter and 9 inches long, slightly tapering. Flesh white, firm and crisp, with very few seeds. Color rich dark green which does not fade when shipped a long distance. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**JERSEY PICKLING**—A very productive well-known variety. Fruit about 6 inches long and slender.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**LONGFELLOW**—This variety, unlike most other sorts, succeeds equally well in the garden or the greenhouse. The vines are exceptionally healthy and productive and fairly early. The fruits will average 12 to 14 inches in length by  $2\frac{1}{2}$  inches in diameter and are very symmetrical, a desirable and lasting dark green color.

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 80c; 8 oz., \$1.35; lb., \$2.50.

**IMPROVED LONG GREEN**—The standard well-known extra long, late table variety. 12 to 14 inches long, slender. Dark green. Flesh white and firm.

### JAPANESE CLIMBING

### GHERKIN

Pkt., 10c; oz., 20c; 2 oz., 32c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**WHITE WONDER**—Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c.

## **CELERIAC**

(Turnip-Rooted Celery)

Pkt., 10c; oz., 30c; 2 oz., 50c;  
4 oz., 85c; 8 oz., \$1.55; lb., \$2.75.

## **CRESS**

TRUE WATER—Pkt., 10c;  $\frac{1}{2}$  oz.,  
25c; oz., 45c; 2 oz., 80c; 4 oz., \$1.40.

UPLAND CURLED or PEPPER  
GRASS—Pkt., 10c; 1 oz., 15c; 2 oz.,  
25c; 4 oz., 40c; lb., 90c.

## **CHERVIL**

(For Flavoring Soups and Salads)

Pkt., 10c; oz., 20c; 2 oz., 35c;  
4 oz., 60c; 8 oz., \$1.10; lb., \$2.00.

## **COLLARDS**

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 40c; 8 oz., 60c; lb., \$1.00.

## **CHICORY**

Witloof

Pkt., 10c; oz., 25c; 2 oz., 40c;  
4 oz., 70c; 8 oz., \$2.30; lb., \$2.50.

## **EGG PLANT**

Culture—1 oz will produce 1000 plants.

Seed is of slow germination and requires moderate heat. Start indoors early in March. Plant outdoors about May 20th, 2 ft. apart each way. Plants are tender and will not stand frost.

**BLACK BEAUTY**—The leading variety, early, fruit large, good shape, and of rich dark purple color. Productive and thornless.

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c; 2 oz., 85c; 4 oz., \$1.50; 8 oz., \$2.75; lb., \$5.00.

## **ENDIVE**

Culture—1 oz. to 150 ft. drill.

An excellent salad which can be used at any season of the year, but is generally used for fall and winter. Used also as greens and for flavoring soups. For early use, plant about April 15th, and for fall, in June or July in rows 18 inches apart.

**WHITE CURLED**

**GREEN CURLED**

**BROAD LEAVED BATAVIAN**

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 80c; lb., \$1.40.

## **HORSE RADISH ROOTS**

1000, \$10.00; 500, \$6.00 100, \$1.50; less than 100 @ 2c each.

## **KALE—BORECOLE**

**DWARF PURPLE**

**TALL CURLED SCOTCH**

**DWARF CURLED SCOTCH**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

## **KOHL-RABI**

Culture—1 oz. to 250 ft. drill.

Belongs to the cabbage family. Forms a turnip-shaped bulb above the ground. Used as Turnips. Cultivate same as cabbage. Sow early in spring or in June and July for fall use.

**EARLY WHITE VIENNA**

**EARLY PURPLE VIENNA**

Pkt., 10c; oz., 25c; 2 oz., 45c; 4 oz., 75c; 8 oz., \$1.35; lb., \$2.50.

## **LEEK**

**BROAD AMERICAN FLAG**—Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c;  
8 oz., \$1.20; lb., \$2.25.

# LETTUCE



Big Boston Lettuce

Culture — 1 oz.  
to 150 ft. drill.

Thrives on nearly all soil, but for crispness should be planted in rich ground, well cultivated before planting. Sow as early as ground can be worked. For early use, the cutting varieties are most desirable. Heading varieties should be transplanted in rows 12 to 18 inches apart, plants set in row every 6 to 10 inches.

**EARLY CURLED SILESIAN (Cutting)**—Early, medium large, crisp and has loose, short broad leaves, much crumpled and frilled on the border. Color very light green. Quite similar to the Simpson variety.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**MAY KING (Heading)**—A splendid extra early compact heading variety similar to Wayahead, leaves light yellowish-green tinged reddish-brown at the end. Heart rich golden yellow. Quality fine.

Pkt., 10c; ½ oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**IMPROVED HANSON (Heading)**—A well-known, reliable, large, sure-heading spring and early summer variety. Leaves large and broad, blistered and crumpled, and border finely frilled. Color light green. Quality good.

Pkt., 10c; ½ oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**ALLHEART (Heading)**—Especially desirable for hot weather. Will succeed under most trying weather conditions. Heads medium size, very solid. Leaves thin, tender and crisp, medium green color. Best of Salamander type.

Pkt., 10c; ½ oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**SELECT BIG BOSTON (Heading)**—A popular variety. Heads large and very solid. Especially desirable for late fall and cold frame planting. Not recommended for summer. Leaves broad, almost smooth, wavy at edge.

Pkt., 10c; ½ oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**NEW YORK or WONDERFUL**—A very large late heading variety. Leaves broad, thick, blistered and crumpled, border frilled, color dark green. Quality good. Known in California and the West as Los Angeles and shipped into the Eastern market under the name of Iceberg.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 75c; 8 oz., \$1.35; lb., \$2.40.

**WAYAHEAD**

**ICEBERG**

**WHITE COS or ROMAINE**

**BRONZE CURLED or PRIZEHEAD**

**BLACK SEEDED SIMPSON**

**SELECT GRAND RAPIDS**

**MIGNONETTE**

Pkt., 10c; ½ oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.



## MUSKMELON or CANTALOUPE

Culture—1 oz. for 50 hills; 2 lbs. per acre.

Plant after May 20th in sandy or mellow soil, well enriched. Hills 4 to 6 ft. apart each way, 10 to 12 seeds to hill, 1 inch deep. Cultivate well. Spray with Hydroxide (Bordeaux Arsenate of Lead) to prevent being destroyed by insects. When plants are beyond danger of insects, thin to 4 or 5 good plants to hill. Tobacco powder mixed with ground will help overcome cut worms and stem borers.



Extra Early Osage Muskmelon

**EXTRA EARLY OSAGE**—Good size, flesh very thick, salmon color, of sweet high quality. Oval shaped. Small seed cavity. We consider it our very best variety.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**EMERALD GEM**—A splendid variety. Fruit deep emerald green in color, globular, distinctly ribbed. Flesh very thick, sweet and of a deep rich salmon color, having an unusual small seed cavity. Our choice main crop Melon for home garden and local market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.25.

**EARLY KNIGHT**  
**MILLER'S CREAM**  
**HONEYDEW**

**ROCKY FORD**  
**BANANA**  
**JENNY LIND**

**HEARTS OF GOLD**  
**ORANGE FLESH**

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

## MUSTARD

**GIANT SOUTHERN CURLED**—1 oz. to 100 ft. row.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

## OKRA or GUMBO

Culture—1 oz. to 100 hills.

Sow seed thinly in rich ground about middle of May when ground is warm, in rows 3 ft. apart. Cover seed with 1 inch earth. Later thin out stalks to 12 or 18 inches apart. Cultivate freely. Its green pods are used for flavoring soups and stews.

**PERKIN'S MAMMOTH (Long Green)**—Very early and productive. Stalks 3 ft. high. Pods deep green, long, slender and slightly corrugated. A desirable market variety.

Pkt., 10c; oz., 12c; 2 oz., 17c; 4 oz., 25c; 8 oz., 45c; lb., 75c.



## **WATERMELON**

**Culture**—1 oz. for 30 hills; 4 lbs. per acre.

Plant after May 20th in rich, sandy or loose soil, when ground is warm. Cultivate as for muskmelons. Spray with Hydroxide to prevent destruction by insects—Tobacco powder mixed in ground will help overcome cut worms and stem borers.

**COLE'S EARLY**—One of the best extra early. Medium size, hardy, nearly round, dark green rind, striped a lighter shade. Flesh deep pink. Seeds black. Excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., \$1.00.

**LONG LIGHT ICING (Gray Monarch)**—Long, large, medium early, and productive. Rind pale green with mottled tracing of slightly darker shade. Flesh brilliant crimson and of exceptional quality. Seeds white.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., \$1.00.

**KLECKLEY'S SWEET**—Good size, medium early, exceedingly sweet. Oblong in form, dark green. Flesh very bright red, ripening nearly to the rind. Excellent main crop for home garden or local market. Too tender for shipping.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., \$1.00.

**HALBERT'S HONEY**

**TOM WATSON**

**ROUND DARK ICING**

**ROUND LIGHT ICING**

**PRESERVING CITRON**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., \$1.00.

## **ONION SEED**

**Culture**—1 oz. for 150 ft. drill; about 5 lbs. per acre for growing large onions.

Sow as early in spring as ground can be worked, thinly in drills about  $\frac{1}{4}$  inch deep, rows 1 ft. apart. Cover lightly with fine soil and press down with back of spade or light roller. Later thin out leaving strongest plants to stand 3 to 4 inches apart. Cultivate freely. Another convenient way is to sow early in hotbed or indoors in boxes and transplant when ground is in condition. This overcomes the difficulty of weeds smothering out the onion.

**PRIZETAKER**—Extra large, mild, productive and sure cropper. Globe-shaped, light straw color, attractive. Crisp and solid and a good keeper. Most desirable variety for growing large onions from seed. Very highly recommended as the best. Larger than Danvers.

Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

**YELLOW GLOBE DANVERS**—Dependable, heavy yielder, excellent color, good keeper. Extensively used for many years. Especially desirable for growing onion sets.

Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

**SILVERSKIN or WHITE PORTUGAL**—A large, white, flat onion of mild, pleasant flavor. Hardy and fine-grained. Skin pure white. Extensively grown for sets and largely used as a pickler and for bunching.

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 80c; 8 oz., \$1.45; lb., \$2.70.

**BERMUDA WHITE**—Pkt., 10c; oz., 40c; 2 oz., 75c; 4 oz., \$1.40.

**RED WETHERSFIELD**—Pkt., 10c, oz., 20c; 2 oz., 35c; 4 oz., 65c.

**BOTTLE ONION**—Pkt., 10c; oz., 50c.

## **ONION SETS**

**Culture**—Plant early in spring, 3 to 4 inches apart in rows 12 to 14 inches apart.

We have fancy selected stock. Market is variable, subject to change.

**YELLOW DANVERS**—Lb., 22c; 5 lb., \$1.00; 10 lb., \$1.80; 25 lb., \$4.00; 50 lb., \$7.50.

**YELLOW JAPANESE**—Lb., 24c; 5 lb., \$1.10; 10 lb., \$2.00; 25 lb., \$4.50; 50 lb., \$8.00.

**WHITE SILVERSKIN**—Lb., 25c; 5 lb., \$1.15; 10 lb., \$2.10; 25 lb., \$4.75; 50 lb., \$8.50.

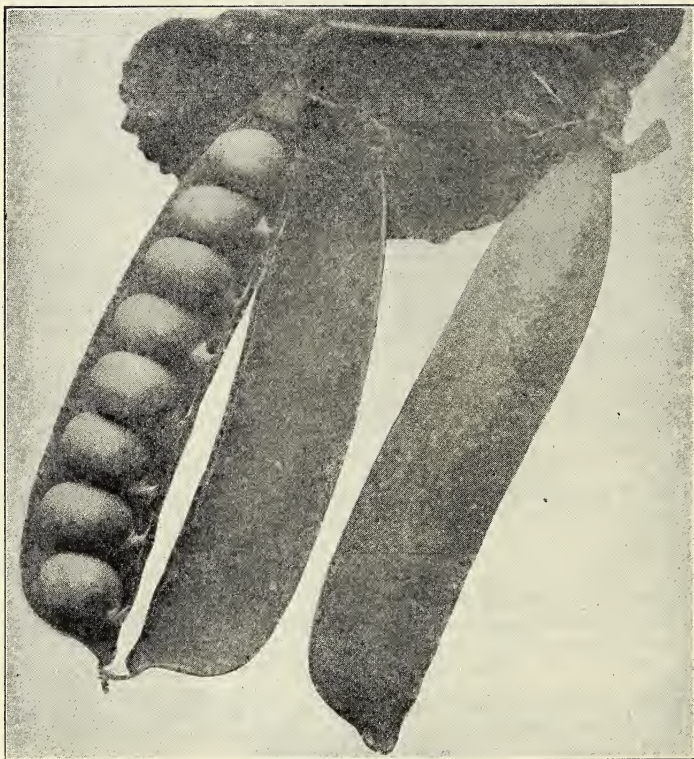
**EGYPTIAN or WINTER TOP ONION**—These we can supply after middle of August for fall planting. They are used as scullions in spring. Lb., 20c; 10 lb., \$1.80; 25 lb., \$4.00.

## **PEAS**

Our Prices on Peas Are  
Postage or Freight  
Prepaid—See Page 1

**Culture**—1 qt. to 150 ft. row.

Peas do best in light, rich, loamy soil. Plant the early smooth varieties just as soon as the ground can be worked during March or April. The wrinkled peas are not so hardy as the smooth kinds and may therefore not be planted as early, owing to their rotting more easily. Wrinkled varieties, however, are sweeter and better flavored. Can continue to plant until June 10th, then discontinue on account of hot weather until August 1st, after which the quick-growing early varieties may again be planted. Rows should be 18 to 24 inches apart. Use Black Leaf 40 for Aphis or Pea lice.



**Cassel's Favorite Pea**

Please note our prices on Peas per quart are equal to about 2 lbs.

**CASSEL'S FAVORITE**—A large podded, quick producing dwarf variety. Vines are sturdy, about 16 in. to 18 in. high. Pods dark green, 4 in. long, often containing 8 large peas. Quality is excellent and we recommend this as the best, most productive, dwarf wrinkled variety. When a low pea is wanted throughout the season, plant this variety every week or ten days.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 65c; 2 qts., \$1.20; 4 qts., \$2.10; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

## PEAS—Continued

**IMP'D MAMMOTH PODDED PROLIFIC (Extra Early)**—Matures extra early, productive, robust, heavy, medium green. Not a wrinkled variety. Height 3 feet. Pods light green, 3 to 4 inches long. We recommend this especially for planting in the early spring during March and April on account of it being a variety which will withstand cold, wet weather.

1/2 pt., 20c; pt., 35c; qt., 65c; 2 qts., \$1.20; 4 qts., \$2.10; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

**IMPROVED GRADUS (Selected Strain)**—A productive extra early wrinkled variety. Strong vines 2 ft. high, pods medium green, 4 inches long, broad and well filled with 7 to 9 very large peas of exceptional quality.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qts., \$1.10; 4 qts., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**IMPROVED THOMAS LAXTON (Selected Strain)**—An early wrinkled variety, 2 1/2 ft. high. Pods medium green, 3 1/2 inches long, broad and thick, containing 7 peas of best quality.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qts., \$1.10; 4 qts., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**CASSEL'S NEW WONDER**—A most excellent main crop pea and very showy. Height of vine 2 1/2 ft., sturdy and strong. Pods 4 1/2 inches long, quite broad, straight, medium green, containing 8 to 9 very large sweet, bright green peas. Unusually productive and our trade has reported remarkable and unsurpassed results.

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qts., \$1.10; 4 qts., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**PRIZEWINNER**—Very fine, productive, high quality main crop. Height 2 1/2 ft. Vine and foliage sturdy and heavy. Pods dark green, 4 1/2 inches long. Contain 9 extra large, medium green peas of an excellent quality.

1/2 pt., 20c; pt., 35c; qt., 65c; 2 qts., \$1.20; 4 qts., \$2.10; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

### LAXTONIAN HUNDREDFOLD

### PETER PAN

### BLUE BANTAM LAXTON'S PROGRESS

1/2 pt., 20c; pt., 35c; qt., 65c; 2 qts., \$1.20; 4 qts., \$2.10; 15 lbs., \$3.75; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

### LITTLE MARVEL

### IMP'D SUTTON'S

### EXCELSIOR

### SUTTON'S IDEAL

### WORLD'S RECORD

### DARK POD TELEPHONE

1/2 pt., 20c; pt., 33c; qt., 60c; 2 qts., \$1.10; 4 qts., \$2.00; 15 lbs., \$3.45; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

### MAMMOTH MELTING SUGAR EDIBLE POD

1/2 pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.25; 15 lbs., \$3.90; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

## PEANUTS

4 oz., 10c; 8 oz., 18c; lb., 30c.

## HERBS

Used for flavoring

All in 10c packets. Prices on larger quantities on request.

Anise	Caraway	Fennel, Sweet	Rosemary	Savory, Summer
Balm	Catnip	Horehound	Rue	Thyme
Basil, Sweet	Coriander	Lavender	Saffron	Wormwood
Borage	Dill	Marjoram, Sweet	Sage	



## **PARSLEY**

Culture—1 oz. to 150 ft. row.

Sow thickly early in spring in rows 12 inches apart. Cover with  $\frac{1}{8}$  inch soil, pressing down after sowing. Later thin out stalks to 4 to 6 inches apart. Seed germinates very slowly. Used as flavoring and as a garnish.

**IMPROVED FINE DOUBLE CURLED**—A standard well-known dwarf variety. Leaves deeply cut and finely crimped.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.10.

**PLAIN LEAVED**—Leaves are flat, deeply cut but not curled. Dark green color. Strongly flavored.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

**LARGE ROOTED HAMBURG**—The edible roots of this variety resemble small thin Parsnips in shape and color and are used for flavoring soups. Leaves are plain.

Pkt., 10c; oz., 18c; 2 oz., 30; 4 oz., 50c; 8 oz., 80c; lb., \$1.45.

## **PARSNIP**

Culture—1 oz. for 100 ft. row; 5 lbs. per acre.

Sow thickly in April or early May as Parsnips require long season to mature. Cultivate same as Carrot. Dig in autumn and store for winter, or they may be left in ground until following spring, which improves their flavor.

**GUERNSEY**—Thick smooth roots, tender and sweet.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., 90c.

## **PEPPER**

Culture—1 oz. should produce 2000 plants.

Sow in hotbeds or indoors from February to April. Transplant middle of May if weather is favorable. Cover seed with not over  $\frac{1}{8}$  inch soil.

**EARLY GIANT (Harris)**—Extra early and very prolific. Fruit scarlet, 5 by  $3\frac{1}{2}$  inches, mild and sweet. Excellent for home garden.

Pkt., 10c;  $\frac{1}{4}$  oz., 20c;  $\frac{1}{2}$  oz., 30c; oz., 50c; 2 oz., 90c; 4 oz., \$1.70.

**CHINESE GIANT**—One of the very largest of the mild red varieties. Short, stocky growth. Fruits pendent, thick, blocky and square-ended, 4 to 5 inches in diameter and of equal length. Color brilliant glossy scarlet.

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 55c; 2 oz., \$1.00; 4 oz., \$1.75; 8 oz., \$3.25; lb., \$5.90.

**RUBY KING**—One of the most profitable and satisfactory varieties for the home or market garden. Early, productive, of dwarf, compact, upright growth. Fruit often 4 to 6 inches long by 3 to 4 inches thick, of a bright ruby-red color. Flesh thick, sweet and mild.

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

**NEAPOLITAN (Early)**—A very early and productive large variety. One of the sweetest. Fruit of upright growth, 4 inches long and 2 inches thick. Color bright red.

Pkt., 10c;  $\frac{1}{2}$  oz., 22c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

**SUNNYBROOK**—The sweetest and most prolific of the Pimento Types.

Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 8 oz., \$2.40.

**MAMMOTH GOLDEN QUEEN**—The largest of the sweet yellow peppers. Mild flavor, golden-yellow color.

Pkt., 10c;  $\frac{1}{2}$  oz., 25c; 1 oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 8 oz., \$2.40; lb., \$4.60.

**CAYENNE**—Pkt., 10c; **LONG THICK RED**—Hot variety. Pkt., 10c.

**HUNGARIAN YELLOW WAX**—for pickling, 6 in. long,  $1\frac{1}{2}$  in. wide at stem, tapering to sharp point, usually hooked. Color, light greenish-yellow until ripe when they turn bright cherry red.

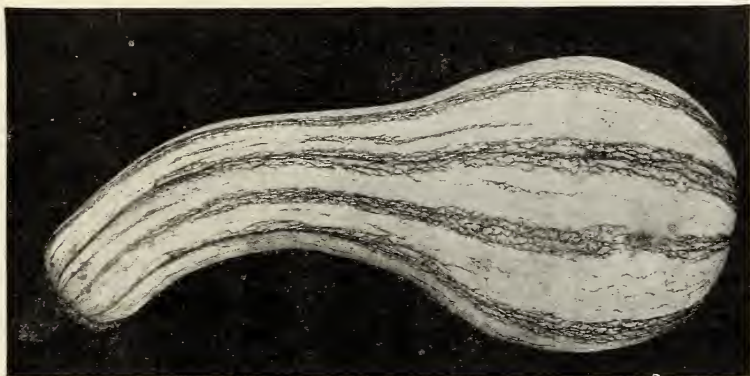
Pkt., 10c;  $\frac{1}{2}$  oz., 45c; oz., 80c.



## PUMPKIN

Culture—1 oz. to 20 hills; 3 or 4 lbs. per acre.

Usually grown in cornfields, but if grown as a separate crop, plant in hills 8 to 10 ft. apart each way when ground is warm. Cultivate often until vines begin to run. Gather pumpkins after vines are dead, leaving 3 or 4 inches of stem attached, and store in dry place.



Cushman Pumpkin

**EARLY SUGAR or NEW ENGLAND PIE**—Fruits small, round, flattened at the ends and slightly ribbed. Skin and flesh deep orange-yellow. Flesh very thick and of high quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

**JAPANESE PIE**—Neck-shaped, somewhat like Cushman. Skin deep green with dark stripes. Flesh deep yellow and of high quality. Seeds sculptured like Japanese letters.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**KING OF THE MAMMOTH**—The giant among the pumpkins. Very large, 2 ft. or more in diameter. Fruit round and flattened. Skin salmon-orange. Flesh bright yellow and very thick.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 80c; lb., \$1.50.

**TENNESSEE SWEET POTATO**—Medium size, nearly bell-shaped, with neck slightly crooked. Skin creamy white, slightly striped green. Flesh creamy white, deep fine grain, and excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**GOLDEN CUSHAW**—Crook-necked type. Color golden-yellow. Large, good quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

### STRIPED CUSHAW—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**LARGE CHEESE or KENTUCKY FIELD** (round, creamy buff);  
Oz. pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 48c; lb., 80c.

**CONNECTICUT FIELD** (oblong, reddish orange);

Oz. pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 48c; lb., 80c.

## **RADISH**

Culture—1 oz. to 100 ft.

For very early use sow in frames in February, making successive sowings every two or three weeks. In April, plant in open ground 1 inch deep, in light, rich, sandy soil, selecting a warm or sheltered location and sow at intervals during the season. Winter varieties should be planted in mid-summer and early fall. Radishes will not do well in heavy hard ground.



Cassel's Electric Early Round Red Radish

### **CASSEL'S ELECTRIC EARLY ROUND RED**

—The earliest known variety for greenhouse or outdoor culture. Bright scarlet, very rapid growth, several days earlier than Scarlet Globe. Very short top and small tap root. While this radish matures quickly, it is one of the slowest to shoot to seed.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 70c; lb., \$1.25.

**EXTRA EARLY SCARLET GLOBE**—One of the earliest of the forcing radishes and does equally well outside. Roots of fair size, globe-shaped and with a very small top. Always crisp and tender. Color bright scarlet.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

**SPARKLER'S WHITE TIPPED SCARLET ROUND**—An attractive early variety having deep scarlet upper portion and under part white, making a beautiful contrast.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

### **PHILADELPHIA WHITE BOX**—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**CHARTIER**—An excellent variety, 7 to 8 inches long, rather thin, deep scarlet at top, shading off to pure white at tip. A well-known and leading variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**ICICLE**—The leading long early white radish. About 6 inches long and white throughout. The favorite long radish with our trade.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

**WHITE STRASBURG**—An excellent variety, especially for late spring and summer growing, doing better in hot weather than most radishes. Roots long, thick, white, remaining solid for a long time.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

## RADISH—Continued

**WHITE CHINESE or CELESTIAL WINTER**—Roots 6 to 8 inches long, thick, cylindrical, and smooth. Popular wherever known. Skin and flesh very white and attractive.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

### HALF LONG BLACK SPANISH SCARLET WINTER

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 95c.

## RHUBARB SEED

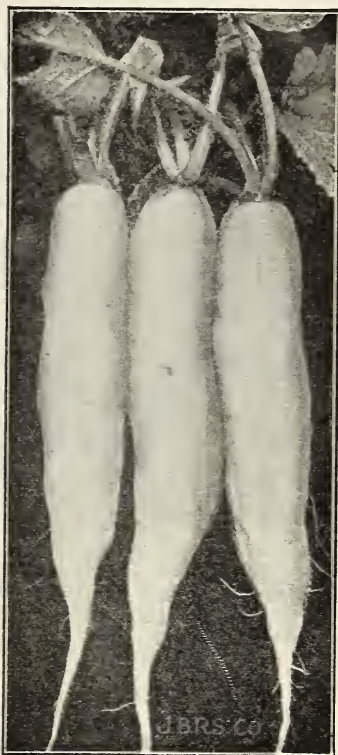
**Culture**—Plants easily grown from seed. Sow in drills, rows 12 to 18 inches apart and later transplant. 1 oz. to 100 ft.

**VICTORIA**—Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., \$1.00; lb., \$1.90.

## RHUBARB ROOTS

**Culture**—Plant 2 ft. apart in rows 4 ft. apart. Cultivate well and top dress liberally.

12c each; doz., \$1.10; 100, \$7.00.  
Extra size clumps, 25c to 40c each.  
Market variable. Prices subject to change.



Icicle Radish

## RUTA BAGA

**IMPROVED PURPLE TOP YELLOW**

**GOLDEN NECKLESS**

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 65c; 5 lbs., \$3.00; 10 lbs., \$5.75.

## SALSIFY or Vegetable Oysters

**Culture**—1 oz. for 75 ft. row.

Sow seed early in spring in rows 12 inches apart and  $\frac{1}{2}$  inch deep, thinning out plants every 6 inches.

**MAMMOTH SANDWICH ISLAND**—Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.25; lb., \$2.25.

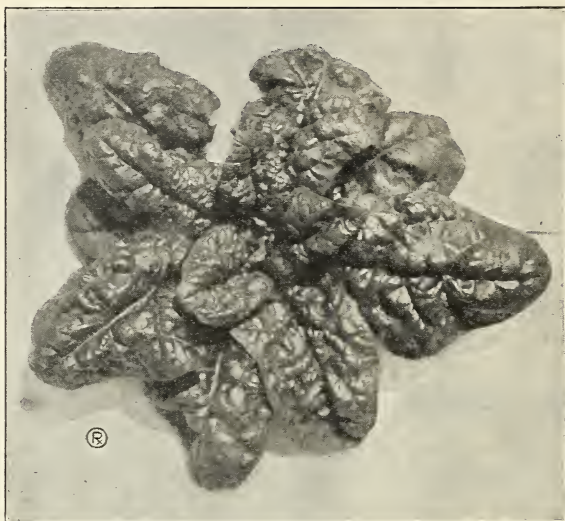
## Sunflower Seed

**MEDIUM STRIPED**—4 oz., 10c; 8 oz., 15c; lb., 20c.

Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 5 days from date of purchase and amount paid will be refunded.



## SPINACH



Spinach Princess Juliana

**Culture**—1 oz., to 100 ft.; 10 to 12 lbs. per acre.

Sow thinly in rows 12 to 15 inches apart as early in spring as possible. For fall use, sow from August 1st to September 15th. Thin out plants to every 4 inches.

**BLOOMSDALE LONG STANDING**—An improved quick-growing hardy variety and one of the best for market and canning. Plants of upright growth, very slow to bolt to seed. Leaves are crumpled and blistered, of a glossy, green color. It is the most desirable variety for early spring and autumn use.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**PRINCESS JULIANA (Long Season)**—Said to be the most thoroughbred improved type of long-standing Spinach ever introduced; uniform in type and most attractive in appearance. Compact rosette leaves are large rounded, thick in texture, very blistered and crumpled and of a very dark green color. Holds up well for shipping and slow to go to seed. A ready seller.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**KING OF DENMARK**—Fine long seasoned variety, slow to go to seed. Plants vigorous and spreading; leaves round, crumpled and blistered. Deep green color.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**VICTORIA**—Makes a dense, flat rosette with very short petioles. Leaves very large, thick and much wrinkled, blunt or rounded and dark green in color. Stands hot weather well and is exceedingly slow to shoot to seed. Especially desirable for use in late summer and fall.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**NEW ZEALAND**—Entirely distinct from the true Spinach. Plant tall and spreading, with numerous side shoots. Leaves medium green, rather small and pointed. Grows well in hot weather and under adverse conditions.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

## **SQUASH**

Culture—1 oz. to 25 hills; 3 to 4 lbs. per acre.

Plant 8 to 10 seeds to the hill, 4 ft. apart, about May 10th for summer bush varieties, and 8 to 10 ft. apart about July 1st for winter varieties. Thin out to four strong plants per hill. Spraying with Hydroxide (Bordeaux-Arsenate of Lead) will be of much help to prevent plants from being destroyed by insects while young.

**EARLY WHITE BUSH (Patty Pan)**—A well-known very early variety of dwarf habit and upright growth. Surface nearly smooth. Color creamy white. Fruit flattened and scalloped, about 8 inches in diameter. One of the leading varieties for home gardens and market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**GOLDEN HUBBARD**—A desirable variety. Shell is medium warted. Hard, strong, and a rich orange-red color. Flesh deep orange, dry, and of best quality. An excellent keeper.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**EARLY YELLOW BUSH**—This variety is identical with White Bush except in color, which is deep orange.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**ITALIAN VEGETABLE MARROW or COCOZELLA**—A summer variety of bush habit. Fruit is oblong, ribbed, dark green marbled with yellow and dark green stripes. A delicate and fine flavored variety. The young fruit while green is excellent for slicing and frying like egg plant.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**GOLDEN SUMMER CROOKNECK**—A standard early and productive summer variety. Fruit about 1 ft. long, moderately warted and of a bright yellow color.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**GOLDEN SUMMER STRAIGHTNECK**—A selection from the summer crookneck—more desirable for handling.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**IMPROVED HUBBARD**—A standard winter squash. Fruit large, heavy and moderately warted. Shell dark bronze-green with light green markings. Flesh bright orange-yellow, fine grained, thick and dry.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**MAMMOTH CHILI**—Grown for exhibition and stock feeding. Extra large, oblong, rich orange color. Skin smooth with broad open netting.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

## **TURNIP**

Culture—1 oz. to 200 ft.; 1 to 2 lbs. per acre.

Sow early in spring before hot weather and for main crop sow in July and August, either broadcast or in drills 2 ft. apart. If in rows, thin out to prevent overcrowding.

**LARGE RED TOP GLOBE**—Almost perfect globe in form. Flesh and skin white, red or purple on top above the ground. Fine grained and sweet. Best known and a superior variety.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c; 5 lbs., \$2.85; 10 lbs., \$5.50.

**PURPLE TOP FLAT**

**WHITE EGG**

**COW HORN**

**PURPLE TOP AMBER GLOBE**

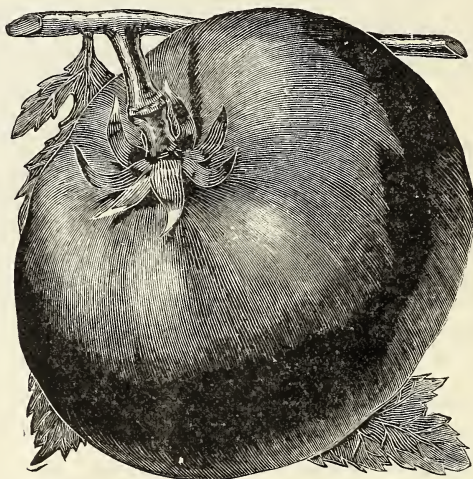
**YELLOW ABERDEEN**

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c; 5 lbs., \$2.85; 10 lbs., \$5.50.

# **TOMATO**

**Culture**—1 oz. should produce about 2500 plants.

For early crop, plant seed under glass or in house during February, giving seedlings plenty of light for rapid development. Transplant in open ground after danger of frost, 3½ ft. apart each way. For main crop, seed may be sown any time until the middle of June. Spraying with Hydroxide before fruit appears will help prevent blight.



**CASSEL'S EARLY WONDER**—An exceptionally fine large bright red variety, as early as Chalk's Jewel and nearly as large as Stone and as productive. Fruits nearly globe-shaped and very solid; vine medium growth. An excellent canning variety.

Pkt., 10c; ½ oz., 30c; oz., 45c; 2 oz., 85c; 4 oz., \$1.60; 8 oz., \$3.10; lb., \$6.00.

**CHALK'S EARLY JEWEL**—A very desirable, early variety, coming between Earliana and Stone. Uniformly smooth, round and solid. Maintain their size longer than most sorts. Crimson in color. Excellent quality for table use and canning.

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**RED ROCK**—A most dependable main crop variety of the Matchless type for home and canning trade. Productive, large, smooth, very solid, cardinal red. This is a well-known variety.

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**CASSEL'S SPECIAL GIANT RED**—The largest of the bright red Tomatoes. Very solid, attractive, and a most desirable variety. Sometimes called "Beefsteak."

Pkt., 10c; ½ oz., 30c; oz., 45c; 2 oz., 85c; 4 oz., \$1.60; 8 oz., \$3.10; lb., \$6.00.

**MATCHLESS EARLIANA STONE JOHN BAER BONNIE BEST**  
Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**PONDEROSA RED CHERRY PEAR-SHAPED YELLOW**  
**STRAWBERRY or WINTER HUSK (Ground Cherry)**

Pkt., 10c; ½ oz., 35c; oz., 60c; 2 oz., \$1.05; 4 oz., \$1.70; 8 oz., \$3.25.

**MARGLOBE GOLDEN QUEEN**  
Pkt., 10c; ½ oz., 25c; oz., 45c; 2 oz., 80c; 4 oz., \$1.50; 8 oz., \$2.70; lb., \$5.00.



## FLOWER SEEDS

\* Indicates Annuals

† Indicates Perennials

Our stock of flower seeds consists of the best known most desirable varieties. All in 10c packets except where noted. Prices on larger quantities on request. Varieties not listed can be supplied on special order.

AGERATUM \*  
ALYSSUM, SWEET, White and Lilac \*  
ALYSSUM, YELLOW †  
ANTIRRHINUM (Snapdragon) \*  
ANEMONE †

ASTERS, Mixed and Separate Colors \*  
Heart of France  
American Beauty  
Giant Branching  
Giant of California  
Sunshine  
King  
Peerless Yellow

AQUILEGIA (Columbine) †

BABY'S BREATH \*  
BACHELOR'S BUTTONS (Strawflower) \*  
BALLOON VINE (Cardiospermum) \*  
BALSAM (Lady Slipper) \*  
BALSAM APPLE \*  
BEAN VINE, SCARLET RUNNER \*  
BELLIS (Double Daisy) †  
BIRD OF PARADISE  
BRACHYCOME (Swanee River Daisy) \*

CALENDULA (Pot Marigold) \*  
CALIFORNIA POPPY (Eschscholtzia) \*  
CALLIOPSIS (Coreopsis) \*  
CAMPANULA (Canterbury Bells) †  
CANARY BIRD VINE \*  
CANDYTUFT (Iberis) \*  
CARDINAL CLIMBER \*  
CARNATION (Dianthus) \*  
CASTOR OIL BEAN (Ricinus) \*  
CELOSIA (Cockscomb) \*  
CENTAUREA CYANUS (Cornflower) \*  
CENTAUREA (Sweet Sultan) \*  
CHINESE WOOLFLOWER \*  
CHRYSANTHEMUM Summer \*  
CLARKIA \*  
CLEOME (Spider Plant) \*  
COBEA SCANDENS (Vine) \*  
COLUMBINE (Aquilegia) †  
COLEUS (Hybrids) \* 25c pkt.  
CONVOLVULUS (Morning Glory) \*  
COREOPSIS (Calliopsis) †  
COSMOS (Single and Double) \*  
CYNOGLOSSUM \*  
CYPRESS VINE \*

DAHLIA \*  
DIANTHUS (Pinks) \*  
DIGITALIS (Foxglove) †  
DIMORPHOTHECA (Orange Daisy) \*  
DELPHINIUM (Larkspur) †  
DOLICHOS (Hyacinth Bean) \*  
DOUBLE DAISY (Bellis) †

ESCHSCHOLTZIA (California Poppy) \*  
EUPHORBIA (Snow on the Mountain) \*  
EUPHORBIA (Fire on the Mountain) \*

FOXGLOVE (Digitalis) †

GAILLARDIA \* †  
GEUM †  
GILIA \*

GODETIA \*  
GOMPHRENA (Bachelor's Buttons) \*  
GOURDS \*  
GYPSOPHILA \* †

HELICHRYSUM (Everlasting) \*  
HELIOTROPE \*  
HOLLYHOCK †

ICE PLANT \*

KOCHIA (Fire Bush) \*  
KUDZU VINE †

LADY SLIPPER (Balsam) \*  
LARKSPUR \*

LANTANA \*

LINUM \* †

LINARIA †

LOBELIA \*

LUPINS † \*

MARIGOLDS \*

French Tall and Dwarf

African Tall and Dwarf

MARVEL OF PERU (Four O'clock) \*

MATRICARIA \*

MIGNONETTE (Reseda) \*

MOONFLOWER \*

MORNING GLORY \*

MYOSOTIS (Forget-me-nots) †

NEMESIA \*

NEMOPHILA \*

NICOTIANA \*

NIGELLA (Love-in-the Mist) \*

OENOTHERA †

PANSIES \*

Giant Trimardeau

Masterpiece

PENTSTEMON †

PETUNIA \*

PHLOX \* †

PHYSALIS (Chinese Lantern) †

POLEMONIUM

POPPY

Carnation Flowered \*

Shirley \*

Oriental Hardy †

PORTULACA (Single and double) \*

PRIMULA (Primrose) \* 25c pkt.

PYRETHRUM †

RICINUS \*

RUDBECKIA †

SALPIGLOSSIS \*

SALVIA (Scarlet Sage) \*

SCABIOSA (Pin Cushion) \*

SENSITIVE PLANT \*

SHASTA DAISY †

SNAPDRAGON (Antirrhinum) \*

STOCK (Stalk Jelly) \*

STATICE (Everlasting) \*

SWEET ROCKET †

SWEET WILLIAM (Single and double) †

VINCA (Periwinkle) \*

VERBENA \*

WALLFLOWER †

ZINNIA (Double and Dahlia) \*

XERANTHEMUM (Everlasting) \*

## CASSEL'S DEPENDABLE SEEDS

### SWEET PEAS

**Culture**—1 oz. to 20 ft. row. Early in spring make a trench 3 to 4 inches deep in loose, rich, mellow ground. Arrange so that water will not stand in the trench. Cover with only 1 inch soil at first. Later cultivate and gradually fill up the trench. If ground is heavy, a little sand at the bottom of the trench and seed covered with sand will be of much advantage. When 4 inches high, prepare support for the vines, preferably a wire netting firmly supported by sticks. Keep well moistened during dry weather.

#### SPENCER, LARGE FLOWERING—

Finest mixture. This mixture consists of a variety of most desirable colors.

Pkt., 10c; oz., 20c; 2 oz., 35c;  
4 oz., 65c; 8 oz., \$1.20; lb., \$2.25.

### NASTURTIUM

TALL MIXED      DWARF MIXED

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 45c; 8 oz., 85c; lb., \$1.50.

### GLADIOLUS

**SELECTED MIXTURE**—A splendid assortment of beautiful colors and varieties, large size bulbs.

Doz., 50c; 50 and over at \$3.50 per 100.

We also have in stock separate named varieties on which we will be glad to quote prices on request.

Tobacco powder mixed in ground will help overcome cut worms and stem borers in Gladiolus and Dahlias.

Clipping the ends of Gladiolus daily and adding a little salt to water will help to open the unopened buds and keep flowers in fresh condition.

### DAHLIAS

Can supply leading named varieties of Cactus, Decorative, Ball and Show types. Prices on request.

### HYACINTHS

### TULIPS--CROCUS

We import direct from Holland Extra Select Stock, most beautiful colors and varieties, spring flowering bulbs, for Fall planting, which arrive about September 15th. Plant in September, October and November.

Can also supply Narcissus, Chinese Sacred Lillies, Freesias, etc.

### TUBEROSES

PEARL—4 to 6 in. circumference.

Each 8c; doz., 70c.

### CALADIUM BULBS

(Elephant Ears)

Small size ..... 15c each

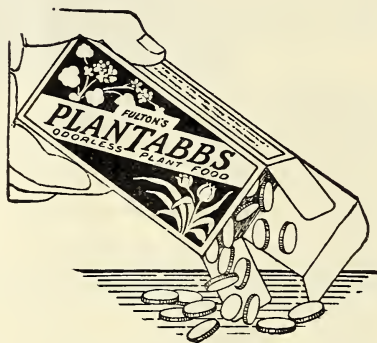
Large size ..... 40c each

### CANNAS

Our stock consists of leading varieties on which prices will be quoted on request.

### PEONIES

Red, white and pink, 60c each.



Odorless Plant Food Tablets

**PLANTABBS** are small, white odorless tablets. A complete, properly balanced fertilizer guaranteed the high analysis of nitrogen 11%, phosphoric acid 15%, potash 20%, are water soluble, dissolve quickly, giving immediate fertilization. Ideal for house plants where smelly fertilizers cannot be used but equally good for all garden planting, especially roses. We highly recommend Plantabbs because there is no waste, no weeds, no run-off. They are clean, odorless, easy to use. Prices are postpaid.

30 Tablets 25c; 75 Tablets 50c;  
200 Tablets \$1.00; 1,000 Tablets \$3.50.

# Inoculate Your Seeds

## Increase Your Crops—Improve Your Soil

### The Most Economical Way

To maintain soil fertility every crop rotation should include legumes. To get the best returns from legumes, inoculate the seed with CULTURES. They increase the yield and improve the quality. More nitrogen is drawn from the air by inoculated legumes than is used by the plant itself, thus they add nitrogen and humus to the soil for the benefit of the succeeding grain crops. Up-to-date farmers inoculate these crops.

## NOD-O-GEN INOCULATION

Nod-O-Gen is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small.

No experience is needed. The inoculation should be applied to the seed the day you sow it. It may be done in the barn, in the field or any place that is convenient.

All you require is a bushel-size Nod-O-Gen culture and about a pint of clean cool water for each bushel of seed. Each bushel-size Nod-O-Gen bottle contains an average of over 500,000,000 living bacteria, ensuring thorough inoculation.

**PRICES FOR NOD-O-GEN**  
For Alfalfa, Sweet Clover, Red Clover and other Clovers (specify which):

1/2 bu. size ..... 60c  
1 bu. size ..... 95c  
5 bu. size ..... \$4.25

For Soy Beans, Cow Peas, Field Peas and Beans and Vetches (specify which):

1 bu. size ..... 55c  
5 bu. size ..... \$1.95  
10 bu. size ..... \$3.75

For Garden Peas, Sweet Peas, Garden Beans and Limas:  
Garden Size, 25c.

Always specify name of crop and size of culture wanted.



# NITRAGIN

NITRAGIN is a granular, soil-like substance, in dry form, packed in tins—easy to mix with seed. Directions on every can. Sold on the bushel basis.

The billions of fresh nitrogen-gathering germs in NITRAGIN draw the nitrogen from the air—not the soil—developing heavy clusters of nodules on the roots of the plant where nitrogen is stored. After the harvest, a rich store of nitrogen remains in the soil for future crops.

Contains more than 7 Billion germs in a bu. size, costing the farmer less than 15c per billion. On the NITRAGIN label, the expiration DATE guarantees fresh germs, the GERM COUNT tells you exactly what you are buying.

### NITRAGIN PRICES

Size	Inoculates	Price
1/4 bu.....	15 lbs. seed.....	\$ .40
1/2 bu.....	30 lbs. seed.....	.60
1 bu.....	60 lbs. seed.....	1.00
5 bu.....	300 lbs. seed.....	4.75

Special Prices on Soy Beans and Cow Peas (Note sizes carefully—not packed in smaller sizes)		
1 bu.....	60 lbs. seed.....	\$ .40
2 bu.....	120 lbs. seed.....	.70
5 bu.....	300 lbs. seed.....	1.50
10 bu.....	600 lbs. seed.....	2.50

### GARDEN NITRAGIN

Inoculates from 1 ounce to 8 lbs. seed.

Price, 25c.

The cost of inoculating seed is now so little that it should be profitable to the farmers to make general use of Cultures.



## FARM SEEDS

We carry a full line of carefully selected highest purity Farm Seeds and we are in position to satisfy the most critical trade. We list only one grade, the highest quality—cream of the crop. Lower grades can be sold at lower price. Grasses not listed hereon will be quoted on request.

The market on Farm Seed is variable and therefore prices cannot be held good for any length of time. The following quotations are prices ruling at time of issuing catalog. However, these prices are strictly subject to change without notice and are subject to our confirmation and stock being unsold on receipt of order. Ask for firm quotations when ready to buy. Values are all based on strictly cash prices at time of getting seed. The bushel price applies on quantities of 11 lbs. and over. Ten lbs. and less charged slightly higher.

### WE PAY FREIGHT

On One Bushel or More

Red Clover, Alsike, White Blossom Sweet Clover and Alfalfa to any freight station in Penna., New Jersey, Maryland and Delaware when remittance is enclosed with order.

All Other Farm Seeds are F. O. B. Lansdale

**BAGS FREE**

**TERMS CASH**

## RED CLOVER

Red Clover is the most largely grown and most generally useful legume crop in America. In feeding value, the hay ranks next to Alfalfa. As a soil builder it is the equal of any and superior to most because it is so well adapted to growing in rotation. It should be grown on every farm where soil and climate conditions permit. Its ability to gather nitrogen at its roots and leave the soil in such form as can be readily used by crops that will follow makes it especially valuable. It is usually grown for hay or in mixtures with other grasses, chiefly Timothy. It nearly always follows small grain in the rotation scheme. Being biennial, it will last for two seasons under good conditions. If sown with Timothy, the Clover usually predominates the first season and Timothy the second season. The ideal time to sow Clover is during the late winter or early spring on a morning when the soil is honey-combed by frost. The first slight thaw will enclose nearly every seed and enable it to start a strong growth. Sow 4 to 6 quarts per acre in the spring where Timothy has been sown earlier. If Clover only is desired, sow 6 to 8 quarts per acre.

### Our "Dependable" Brand Red Clover

For season 1930 we have provided seed, selected from the highest qualities obtainable and from the best producing sections. It is extra re-cleaned over special process recleaning mills, and is of high purity and germination. It is Northern grown from sections that will withstand severe winter. We have seed of our "Dependable" brand from two sources, both highest quality, "Domestic" being grown in the United States and "Adaptable" seed being grown in Northern sections of the old country which is stained 1% green to identify the seed and indicate its adaptability for use in Pennsylvania and surrounding sections as proven by government and State Experiment Station tests. Samples on request. Market is uncertain—subject to change.

### RED CLOVER

ADAPTABLE  
Purity 99.58%

**Bushel \$13.20**

100 lbs., \$22.00; 10 lbs. and less  
at 24c lb.

### RED CLOVER

U. S. Government verified origin  
MICHIGAN GROWN  
Purity 99.84%

**Bushel \$15.30**

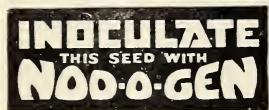
100 lbs., \$25.50; 10 lbs. and less  
at 27½c lb.

We PAY FREIGHT on 1 or More Bushels Red Clover as mentioned above.

**OUR FARM SEEDS ARE BEST QUALITIES OBTAINABLE**

## **ENRICH YOUR SOIL FERTILITY** **with** **WHITE BLOSSOM SWEET CLOVER**

This has come to the front rapidly in recent years for forage, pasture and soil improvement. Will grow in almost any climate and on almost any type of soil, thriving on land too poor for Alfalfa or Red Clover. It is a biennial, disappearing at the end of the second season, unless allowed to ripen and reseed itself; of erect and branching habit, quick growing, attaining good height. Fits well into rotation scheme and may be sown with Corn at the time of last cultivation or following a crop of winter grain. As hay and green forage, similar to Alfalfa in feeding value. Stock seldom like it when first offered to them but soon develop a decided preference for it provided it is cut before it reaches the blossom stage. An excellent nitrogen gatherer and soil improver. Seed should be inoculated. Desirable for sheep and cattle pasture. Sow 20 to 25 lbs. per acre.



Our present stock of White Blossom Sweet Clover is of unusually high quality, large, bright seed. Dakota Grown. This grade of seed is not to be compared with the ordinary qualities that are generally offered.

Bus. \$6.60; 100 lbs., \$11.00 10 lbs or less @ 13c lb.

We Pay Freight on 1 or more Bushels. Bags Free. See page 30.

YELLOW BLOSSOM SWEET CLOVER quoted on request.

## **TIMOTHY SEED**

This has been the standard and most widely grown hay grass seed for many years on account of the cheapness of the seed and ease and low cost of growing, which makes it the most profitable grass wherever conditions permit its cultivation. It is a short-lived perennial except under unusually favorable conditions. A stand does not last more than 4 or 5 years. It grows in stools or clumps and does not form a sod.

Our **DEPENDABLE QUALITY** seed is the "Cream of the Crop," the purity running from 99.65% to 99.90% and the weed content being extremely low, usually not over 1-20th of 1%, which in comparison is equal to 5c in \$100. We are very particular in selecting our Timothy Seed so as to have plump, large seeds of bright color which will please the most critical buyers. Sow 8 to 10 lbs. per acre with Wheat and if alone, 15 to 20 lbs. per acre.

Bus., 45 lbs., \$4.50; 100 lbs., \$10.00; 10 lbs. and less @ 12c lb.

## **ALSIKE**

Alsike Clover is a biennial similar in growth and equal in feeding value to Red Clover. However, not quite as large, of a finer stem and blossoms are white with pink tips, ripening about ten days earlier than Red Clover. Being a finer hay it is sometimes preferred by stock but the yield is not equal to Red Clover. Seed is of smaller size than Red Clover and will go further at less cost and is somewhat more sure in taking. Is generally used in connection with Timothy, Red Clover or pasture mixtures. Stands a variety of temperatures and is less likely to winter kill and, owing to its spreading root, it seldom is effected by heaving out action of frost. When used with Red Clover in early spring, a combination of one part Alsike and two parts Red Clover is desirable. When sown alone, use 3 to 5 quarts per acre. Inoculation will be profitable.

We have provided seed from Wisconsin of extra high purity and good color.

Bus., 60 lbs., \$15.60; 100 lbs., \$26.00; 10 lbs. and less @ 28c per lb.

We Pay Freight on 1 or More Bushels Alsike —Bags Free. See page 30.

## **Permanent Pasture Mixture**

We have in stock all the Grasses and Clovers to make the best mixtures. Owing to the varied conditions and uses for which this is wanted it is to our customers' best advantage to have mixtures made for each individual need, for we find no one mixture fills every need. Tell us your requirements and kind of mixture you desire and we will quote lowest prices.

## ALFALFA

Alfalfa deserves to rank first among legumes. It is the mainstay of the dairy man, furnishing more green forage and more dry hay per acre than any other known variety of grass for hay. It is relished by the stock for feed. It is worth more per pound as dry matter than any other forage and as a nitrogen gatherer it is equal to any of the Clovers. Since a good stand of Alfalfa once established will last from three to ten years or more depending on the severity of the winters and on soil conditions, it is seldom included in the crop rotation scheme but allowed to stand until eventually it runs out. It can be cut three or four times a season and should be cut before coming into blossom. It is extremely deep-rooted, consequently

withstanding drought better than most other legumes. It should be planted on well-drained, deep, sweet fertile soil, well prepared with an application of lime, and should be planted at a time when the soil is not deficient in moisture. In preparing soil for Alfalfa the growing and plowing under of one or two crops of sweet clover or soja beans will prove helpful. Seed should be inoculated, which assists nature in developing a hardy growth, and this can be done at small cost. Seed may be sown as soon as the ground can be put in condition in Spring. August is also a desirable time if weather will permit. Even though all the above conditions are complied with, it is important to have the highest quality seeds of known origin.

Our seed, as offered below, is all of the highest quality obtainable, with average purity from 99.50% to 99.75%, of origin that is adaptable for use in Pennsylvania and adjoining sections and the cream of the crop. Sow 20 to 25 pounds per acre. A small quantity is often used in connection with red clover and alsike to assist in inoculating ground for later alfalfa stand.

## Dependable Alfalfa Seed

### IDAHO-NORTHWESTERN GROWN

Verified Origin—Purity 99.54%

Bus., 60 lbs., \$17.40; 100 lbs., \$29.00; 10 lbs., and less @ 31c per lb.

We Pay Freight on 1 or More Bushels. Bags Free. See page 30.

### GRIMM'S—Certified, Northwestern Grown

In hardiness it is the safest type to grow wherever there is trouble with winter killing.

Bus., 60 lbs., \$26.40; 100 lbs., \$44.00; 10 lbs. and less 46c per lb.

We Pay Freight on 1 or More Bushels. Bags Free. See page 30.

## SPRING WHEAT

**MARQUIS**—Two bu. per acre. This variety has proven most adaptable for Eastern Penna. and has given best results. It is about 10 days earlier than ordinary types which means much in avoiding damage by smut, rust, and hot dry winds. It has outyielded other spring wheats. Beardless, with smooth yellow chaff. While it cannot be sold as low in price as some ordinary kinds, it is more profitable and will prove well worth the difference in cost. Our stock is fancy re-cleaned.



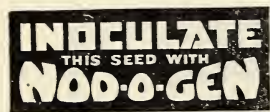
Cyclone Seeder, \$2.20  
Postpaid  
See Page 1.

Bags Free      Bushel, 60 lbs., \$2.50      F. O. B. Lansdale



## **Increase Your Crops by enriching your soil with SOY BEANS**

Soy Beans have come from the Orient where they have been grown for centuries for both human and animal food. They can be grown wherever corn can be grown and



serve a double purpose, for forage in the way of hay, pasture or silage and for soil improvement. The hay or silage has great value for its high protein content and best results are obtained when fed with corn. Will grow in almost any kind of soil but require warm weather. Should be sown between May 10th and July 15th. There are many different varieties but we offer only those which produce the most satisfactory results in this section. Plant one to two bushels per acre.

### **WILSON BLACK**

Bus., 60 lbs., \$3.35; pk., 95c. F. O. B. Lansdale. Bags Free.

This variety has been the favorite among Eastern farmers as a general purpose variety. Matures in about 120 days. One of the best for hay and silage on account of its tall growth and slender stems and branches which make the finest hay. On poor ground will grow as high as 4 feet and on fertile ground as high as 6 feet. This variety is early enough to mature beans in Southeastern Pennsylvania. The bean is black and medium sized, therefore having a greater number of beans to the bushel.

### **MAMMOTH YELLOW**

Bus., 60 lbs., \$3.25; pk., 90c. F. O. B. Lansdale. Bags Free.

This variety is used in Pennsylvania for hay and plowing under only, as the beans will not mature on account of being a late variety. Seeds are yellow and larger than Wilson Black. Growth is large, coarse and bushy.

## **SEED OATS**

Usually from 2½ to 3 bushel are sown per acre. The market on Oats is usually variable. We describe our leading varieties below and when ready to buy will appreciate your calling us on the phone or writing for firm quotations which we will endeavor to make attractive.

### **Selected Extra-Recleaned Seed Oats**

This is a Swedish type of selected oats adapted for use throughout eastern Pennsylvania. It is recleaned over our special recleaning process avoiding the danger of Mustard and other undesirable weed seeds and assuring large, full sized grains which permit of a smaller quantity being sown to the acre.

Bus., 95c. Bags Free. F. O. B., Lansdale.

### **White Russian Side Oats**

This variety has been in demand for several years and met with favorable results. The growth is somewhat on the manner of a horse mane or side type. Hull is thin, straw is stiff, a good yielder and ripens midseason. Market variable.

Bus., \$1.25. Bags Free. F. O. B., Lansdale.

### **Recleaning of Farmers Own Grain for Seed**

We are Equipped to do at the Following Prices:

Wheat and Rye, 20c per 100 lbs.; Oats, 25c per 100 lbs.; Timothy and Clover, 40c per 100 lbs. Minimum charge 50c.

"CERESAN"—A dust disinfectant for controlling smut and other diseases of Wheat, Oats, Barley and Rye. 1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.

## CASSEL'S DEPENDABLE SEEDS

All Prices on this Page are F. O. B., Lansdale.. Bags Free.  
10 lbs. and less at lb. price. 11 lbs. and over at 100 lb. price.

### **Herd Grass or Red Top**

Solid seed. Unusually high grade.  
Purity 98% .

\$25.00 per 100 lbs., 30c per lb.

### **CRIMSON CLOVER**

Used as a soil enricher. Generally sown at the last time of corn cultivation. 15 lbs. per acre.

100 lbs., \$15.00; 17c per lb., bu., \$9.00.

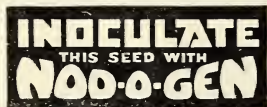
### **Mammoth Red Clover**

In appearance much like ordinary medium Red Clover. Stalk a little coarser. Grows taller, ripens later, produces more heavily. Sown like Red Clover.

Bu., \$16.20, 100 lbs., \$27.00; lb., 29c.

### **Canadian Field Peas**

This is entirely different from the regular Cowpea. For best results should be



sown with oats, using 1 bu. peas to 2 bu. oats per acre. Desirable for both green feed and hay.

\$3.75 per bu. Peck, \$1.05.

### **COWPEAS**

Whippoorwill variety is most generally known. Mature early. Sow one bu. per acre. Ask for price.

### **DWARF ESSEX RAPE**

Used as a quick pasture for cattle, hogs and sheep. Sow four to six lbs. per acre.

\$9.00 per 100 lbs.; 11c lb.

### **SUDAN GRASS**

Belongs to Sorghum family. May be cut two or three times a season. Sow in rows 4 to 6 lbs. per acre. Broadcast 15 to 25 lbs. per acre.

\$8.50 per 100 lbs.; 10½c per lb.

### **BARLEY**

Two bus. per acre usually sown.

Six row, bus., \$1.80.

### **ORCHARD GRASS**

Sow 30 to 40 lbs. per acre.

\$23.00 per 100 lbs.; 28c per lb.

### **VETCH**

SAND or HAIRY—30 lbs. per acre. Is used for hay or plowing under.



\$12.00 per 100 lbs.; lb., 14c.

SPRING—\$7.00 per 100 lbs. Per lb., 9c.

### **Sorghum or Amber Cane**

In drills 12 lbs. per acre. Broadcast 40 to 50 lbs. to acre.

\$5.95 per 100 lbs.; 8c per lb.

### **SPELTZ or EMMER**

\$2.20 per bu. of 40 lbs.

### **SPRING RYE**

Two bu. per acre.

\$2.60 per bu. of 56 lbs.

### **WINTER WHEAT**

Our stock is recleaned over special process. Get in touch with us in August or early September for prices. Leading varieties are Leap's Prolific, Forward and Pennsylvania "44".

### **BUCKWHEAT**

JAPANESE—Sow early in July about 1 bu. per acre.

\$1.80 per bu.

### **MILLET**

Sow 1 bu. to acre.

GOLDEN—Tenn. Grown.

\$2.90 per bu., 50 lbs.; 8c per lb.

HUNGARIAN—

\$3.00 per bu., 48 lbs.; 9½c per lb.

JAPANESE—

\$8.00 per 100 lbs.; 10c per lb.

**CASSEL'S DEPENDABLE SEEDS - FEEDS - POULTRY SUPPLIES**  
are sold on a "Money Back Plan." If any merchandise you buy from us does not please you - return it within five days and amount paid will be refunded.

## OUR SEED CORN IS GERMINATION TESTED

### SEED CORN

All our Corn is tested and proven to be of high germination before we sell same to our trade. We are extremely particular about the germination of our Corn and those securing our stock should have excellent results. Market is variable. Prices strictly subject to change and unsold.  $\frac{1}{2}$  bushel at bushel rate. All Bags Free. F. O. B. Lansdale.

### LANCASTER COUNTY SURECROP

A Corn that has proven quite satisfactory for giving a profitable crop on ordinary soil. Ear is long, matures in about 100 days, grain is darker in color, otherwise similar to our Montgomery County Surecrop. This is sometimes used as an ensilage corn. We strongly recommend this variety as most desirable for general use. Our stock is extra select.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu. 56 lbs., \$3.75.

### MONTGOMERY COUNTY SURECROP

This variety has met with great favor among our Montgomery and Bucks County farmers. Produces large ears, often 12 inches long, with a broad, medium-long kernel. Light yellow or cream color on the cap or outside of the ear, and a medium yellow dent. Usually matures in about 100 days. Large fodder, and is a Corn that will do well on poorer ground than most Corns. It is also desirable for a yellow ensilage Corn for silos.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu. 56 lbs., \$3.75.

**SEMESAN, JR.**—A dust disinfectant for Seed Corn—4 oz., 50c; lb., \$1.75; 5 lbs., \$8.00.

### EARLY

### GOLDEN DENT

A dependable variety, producing a good crop on ordinary soil. Ears good size. Requires about 90 days for maturity.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., \$3.75.

### PENNA. YELLOW FLINT

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00.

### LONG'S CHAMPION

An extra large cropper, but requires a long season. Ears are long.

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00.

### VIRGINIA ENSILAGE

This variety continues to gain in popularity for ensilage purposes. Makes unusually large growth of broad, thick succulent fodder. Very productive and may be used for green feeding or silo ensilage. Our stock is bred especially for ensilage purposes and grown in Virginia. We recommend it as most desirable.

Bu., \$3.50; pk., \$1.00;  $\frac{1}{2}$  pk., 55c.

### EUREKA ENSILAGE

(Virginia grown)

A well-known, extra large fodder, heavy yielding, white ensilage Corn. Ears are long, often two to the stalk. Should be grown on good land.

Bu., \$3.50; pk., \$1.00;  $\frac{1}{2}$  pk., 55c.

### Improved Seed Corn Nubbers, \$1.25

#### Stanley Crow Repellent

Keeps crows from pulling corn. Not poisonous. Saves time of replanting. Satisfaction guaranteed.

Small can, for 1 bu., \$1.00; large can, for 2 bus., \$1.50.

#### Bye, Bye, Blackbird

For driving away from your cornfields crows, blackbirds, woodchucks, gophers, and other plant destroying birds and animals that eat your seed corn and pull up growing plants. Saves replanting. Satisfactory results guaranteed or money refunded.

$\frac{1}{2}$  pt. can (for 1 bu. corn) 90c; 1 pt. can (for 2 bu. corn) \$1.40.

CROW TOX— $\frac{1}{2}$  pt., 60c; pt., \$1.00





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## CASSEL'S DEPENDABLE SEEDS

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All Potato Prices are F. O. B., Lansdale

### MICHIGAN GROWN CERTIFIED RUSSET SEED POTATOES

This variety has proven the most productive, giving the largest yields of any sort we have yet known. They are profitable, therefore a favorite among many potato growers. It is a robust, healthy grower, vines stocky, continuing growth for about two weeks longer than Green Mountains, which is an important factor for large yields, and is especially resistant to diseases and blight; good keeper and of good quality. Our stock is coming direct from the most desirable potato growing sections of Michigan, and is the best stock available, guaranteed free of frost. Each sack of these Michigan Certified Seed Potatoes is sealed with a lead and wire seal to which is attached the official certification tag of the Michigan Crop Improvement Association. Present prices for booking now are as follows, strictly subject to change and unsold.

Per sack of  $2\frac{1}{2}$  bu., \$7.50, equal to \$3.00 per bu.

For loading on arrival, when spring weather opens. Stock is subject to customer's approval on arrival.

### Michigan Grown Russet Potatoes

Selected Stock grown for Seed. Inspected, but not Certified

This selected stock has been grown in a proven seed producing section for the Russet variety. They are coming from the same reliable source from which we have obtained our stock the past seasons and have given pleasing results. Some of our customers having reported equal results with Certified Seed last season.

Owing to their not being certified we are able to offer these reasonable and at a much lower price than the certified stock.

Present price for booking now, subject to change and unsold, is

\$6.25 per sack of  $2\frac{1}{2}$  bu., equal to \$2.50 per bu.

for loading from car on arrival when spring weather opens. Orders are subject to customers approval of stock on arrival.

### Maine Grown Seed Potatoes

We have a reliable source in Aroostook County of these Northern Grown Seed Potatoes and following are leading varieties. Can supply other varieties.

#### IRISH COBBLER

This is the leading and most reliable early white potato. Under favorable weather and soil conditions, with proper fertilizer, will produce a large crop of beautiful, good-sized, round to oblong potatoes. The eating quality is excellent; cooks well and mealy; of vigorous growth and good keepers. We highly recommend them. Present price, subject to change for loading on arrival, per sack of  $2\frac{1}{2}$  bushels—

Certified, \$6.90 per sack, equal to \$2.76 bu.,

Second size (from Certified Seed) \$5.25 per sack, equal to \$2.10 bu.

#### GREEN MOUNTAIN

This is the best known variety of the Maine grown potatoes. It is of the highest eating quality, rather oblong in shape, white flesh, healthy grower. Good keepers, retaining good eating qualities all through the winter and, where conditions of soil and weather are favorable, it is a heavy yielder. Present price, subject to change, for loading from car on arrival, per sack of  $2\frac{1}{2}$  bushels—

Certified, \$6.90 per sack, equal to \$2.76 bu.,

CERTIFIED GOLD COIN—same price as Green Mountains.

JERSEY RED SKINS—for second crop planting. Can supply in July. Prices on request.

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SEMESAN BEL (succeeds Bayer Dipdust)—For effectively controlling potato scab, Rhizoctonia and Black Leg. One pound treats 16 to 20 bushels potatoes.

4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

## CASSEL'S DEPENDABLE INSECTICIDES

### BLUE STONE (Copper Sulphate)

In crystal form. This is the highest grade 99½% pure, not to be compared with the nugget type. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.85; 50 lbs., \$3.40; 100 lbs., \$6.50.

Full barrel at \$5.95 per 100 lbs.

### LIME FOR SPRAYING

Select quality in lump form packed in air tight drums. Per drum, \$2.50.

### HYDRATED LIME

Ton, \$13.50; 100 lbs., 90c; 50 lbs., 50c. Less than 50 lbs., @ 2c lb.

### Arsenate of Lead

This is uniform high quality and is extra light and fluffy. This insures good mixing and will remain in suspension a long time. Effective for control of chewing insects. May be used as a wet spray or a dust.

½ lb., 20c; 1 lb., 30c; 4 lbs., 85c; 12 lbs., \$2.28; 24 lbs., \$4.32; 48 lbs., \$8.16; 96 lbs., \$15.36.

### Coated Arsenate Lead

For Japanese Beetle. 1 lb., 55c; 2½ lb. jar, \$1.00; 10 lbs., \$3.00.

### Arsenate of Calcium

Recommended for Potatoes. 1 lb., 24c; 4 lbs., 60c; 12 lbs., \$1.56; 24 lb., \$2.88; 48 lb., \$5.28; 96 lb. (in 4-lb. pkg.) \$9.60; 100 lb. (in bulk) \$8.90.



**"Black Leaf 40"**  
40% Nicotine

The most effective material for destroying Aphis on Roses, Sweet Peas, Trees, Plants, etc. A concentrated solution of Nicotine Sulphate, containing not less than 40% of Nicotine. It is perfectly soluble in water, does not clog the nozzle nor corrode the spraying outfit. May be combined with Lime Sulphur, Bordeaux, Hydroxide.

1 oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 4 lbs., \$6.25; 6 lbs., \$9.00; 10 lbs., \$11.85.

### Commercial Powdered Sulphur

1 lb., 5c; 5 lbs., 23c; 10 lbs., 43c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

### Flowers of Sulphur

This is the highest quality of sulphur obtainable. 1 lb., 8c; 5 lbs., 37c; 10 lbs., 68c; 25 lbs., \$1.50; 50 lbs., \$2.85; 100 lbs., \$5.50.

### HYDROXIDE

A Bordeaux Arsenate of Lead mixture in powdered form. Convenient, highly efficient and profitable. It is both an insecticide and a fungicide for preventing bugs and blight and producing vigorous, healthy, continued growth. 6 to 8 lbs. to 50 gallons of water.

1 lb., 35c; 4 lbs., \$1.05; 12 lbs., \$3.00; 24 lbs., \$5.50; 48 lbs., \$10.25; 96 lbs., \$19.20.

### BORDEAUX MIXTURE

In Dry Form

Mix 8 lbs. to 50 gallons water. Lb., 28c; 4 lb., 90c; 12 lb., \$2.55; 24 lb., \$4.60; 48 lb., \$8.75; 96 lb., \$16.32.

### "Jim Dandy"

#### Fly Spray

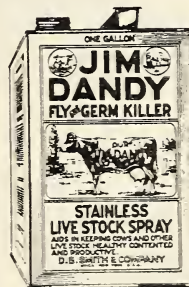
This has proven effective and is worthy of our recommendation.

Gallon, \$1.40.

#### Dr. Hess

#### Fly Spray

Gal. \$1.50.



### DuBay

### SEED DISINFECTANTS

SEMESAN—For Vegetables, Flowers, Bulbs, etc.

2 oz., 50c; 1 lb., \$2.75; 5 lbs., \$13.00.

SEMESAN—For Seed Corn.

4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25.

CERESAN—For Wheat, Oats, Barley and other Cereals.

1 lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.

SEMESAN BEL—For Seed Potatoes.

4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$31.25; 100 lbs., \$120.00.

## CASSEL'S DEPENDABLE INSECTICIDES

All Prices on this Page are F. O. B., Lansdale

### DRY LIME SULPHUR

Lime Sulphur has been used for many years for combating San Jose scale when trees are dormant and for summer spray. This Dry Lime Sulphur is effective and more convenient than the lime sulphur in liquid form. Dissolves readily in water and is generally preferred, having given excellent satisfaction. Dilute first with small amount of hot water to dissolve quickly, then add the required amount of cold water. Use 12½ lbs. in 50 gallons water.

1 lb., 17c; 5 lbs., 80c; 12½ lbs., (amt. required to make 50 gals.) \$1.85; 25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00.

### LIQUID LIME SULPHUR

50 gallons, \$12.00; drums free.

DRY MIX LIME SULPHUR—(N. J. Dry Mix Powder) 100 lbs., \$5.00; 50 lbs., \$2.65; 25 lbs., \$1.40; 10 lbs., 60c; 5 lbs., 35c; 1 lb., 10c.

An Ortho Spray  
**KLEENUP**  
 for dependable results

### MECHLING SCALE OIL

The highest grade Miscible Oil. Will not separate in cold weather, mixes perfectly. Dilute 1 to 25 for red mite and aphids. For San Jose Scale 1 to 22; Evergreens, 1 to 35.

50 gal., \$24.00; 30 gal., \$18.00; 15 gal., \$11.25; 10 gal., \$7.90; 5 gal., \$4.75; 1 gal., \$1.25; ½ gal., 80c; qt., 55c.

### SLUGSHOT

A light, fine powder easily distributed by dusting or may be applied in water by spraying. Sold for many years and is dependable for killing currant and cabbage worms and potato bugs.

1 lb., 15c; 5 lbs., 55c; 10 lbs., \$1.05; 25 lbs., \$2.40; 50 lbs., \$4.65; 100 lbs., \$9.00.

### Volck

A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc.; not only kills the insects but acts as a repellent.

Per ½ pt., 50c; 75c per pt.; qt., \$1.00; \$3.00 per gal.; 5 gals., \$12.00; 28 gal. drums, \$40.00.

### Carbon-Bisulphide

For treating wheat to overcome fly.

2½ lb. cans, 60c.

### RED ARROW SPRAY

A highly concentrated Pyrethrum Soap. Non-poisonous. Will positively not burn, blight or stain the tenderest leaf or flower. Deadly to insects. Especially valuable for destroying aphids or plant lice and Japanese Beetles.

1 oz., 35c; 4 oz., \$1.00; 8 oz., \$1.75; 1 qt., \$6.00, 1 gal., \$20.00.

### Kleenup Spray Oil

For dormant and semi-dormant spray, a quick breaking up type, milk white, oil emulsion. Contains 83% highly refined oil and 17% emulsifier. Effectively controls San Jose Scale, Red Mite, Oyster Shell Scale, Leaf Roller, Apple Scab, Aphids. For general spraying use 4 gallons to 100 gallons water. 28 gal. drum, \$12.00.

### Ansect

Rose bug destroyer. Highly effective when used on aphids, aster beetle, rose bugs, red spider and mealy bug.

4 oz., 30c; pt., \$1.00; qt., \$1.50; gal., \$4.00.

### Grafting Wax

For pruning and grafting purposes. In convenient form, easily handled.

4 oz., pkg., 25c; 8 oz., 45c.

### Tree Tanglefoot

1 lb., 65c.

### Weed Killer

Effectively destroys weeds in paths, roads, gutters. Dilute 1 part to 40 parts water.

1 qt., 60c; 2 qts., \$1.10; gal., \$1.75

### Para-Dichloro-Benzine

For peach tree borers. Placed around tree, generates gas and kills borers in tree.

1 lb., 70c; 5 lb., \$3.00.





USE SHEEP MANURE FOR QUICK RESULTS

# Wizard

TRADE BRAND MARK

## Sheep Manure



### For LAWNS, FLOWERS, VEGETABLES and FIELD CROPS

WIZARD will make your lawn and garden the attraction of your neighborhood. This natural, weedless fertilizer supplies the humus and plant food necessary to make all plants grow and produce pleasing results.

**FOR LAWNS**—Wizard produces thick, velvety green lawns of lasting beauty. It will put new life into your old lawn. Early in spring apply 10 lbs. to 100 sq. ft., and rake into the surface soil when making new lawns. On old lawns 6 lbs. per 100 sq. ft. will bring about a wonderful improvement.

**FLOWER GARDENS**—Luxuriant growth of healthy, green foliage and a wealth of vivid colored flowers quickly follow the use of WIZARD. Give your plants a chance to develop their real beauty by mixing WIZARD with the soil under new plantings and top dress established plants with 10 lbs., to 100 sq. ft. of soil. Occasional applications of liquid manure will prolong the blooming season. Feed your plants if you want results.

**VEGETABLES and FRUIT**—Every gardener knows that there is nothing better than manure to build up the soil. WIZARD is practical and will produce big crops of crisp, tender vegetables for the early market. WIZARD also improves yield, color and flavor of fruit crops. Use 1000 to 1500 lbs. per acre.

Applications can be made broadcast after plowing and harrowed into the soil at the rate of 1000 to 1500 lbs. per acre. If used in the drill at planting time, use 700 to 1000 lbs. per acre. Side applications later in the season will be found very profitable.

For making potting soil—mix thoroughly one part of Sheep Manure with six parts of soil.

Liquid Manure—for house plants and window boxes is made by mixing one pound of Sheep Manure in 5 gallons of Water. Use twice weekly.

It supplies your soil with large quantity of plant food and organic matter, at the same time making it loose and mellow. It is a natural concentrated manure that gives the soil what it needs to make things grow. It is prepared from especially selected sheep manure, free from inferior matter and rubbish. It is thoroughly dried and sterilized by a special direct heat process, avoiding the danger of weed seeds which are eliminated through the sterilization. WIZARD BRAND has been well known for many years as the most dependable and effective brand of sheep manure.

2 lbs., 15c; 5 lbs., 32c; 10 lbs., 55c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.95; 500 lbs., \$14.00; 1000 lbs., \$26.00; 2000 lbs., \$50.00.

### WIZARD SHREDDED COW MANURE

Same price as WIZARD Sheep Manure

## FERTILIZERS FOR GARDENS AND LAWNS

### Matchless Market Gardeners Fertilizer

Analysis 5% Ammonia, 8% Phosphoric Acid, 7% Potash. This is a high grade fertilizer with an animal base consisting of tankage, dried blood and bone meal which are humus producers and insure a steady, lasting supply of plant food for the growing of all vegetable crops. It is entirely made up of available plant food, no filler entering into the mixture. 50% of Ammonia content is derived from blood, tankage or bone.

5 lbs., 32c; 10 lbs., 55c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.95.

### Bone Meal for Lawn Fertilizer

Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We especially recommend this for lawns, gardens and greenhouses; insures steady lasting supply of plant food. It is well to apply this during the fall or early in the spring.

5 lbs., 33c; 10 lbs., 58c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.50.



### VIGORO

You can beautify your home by having a velvety green lawn, crisp vegetables, colorful flowers, luxuriant shrubbery and stately trees if you will keep in mind the fact that plants like human beings must be fed—and fed the right kind of plant food. You can enjoy these beauties of nature if you use good seed, plants, bulbs, and the right plant food.

VIGORO is especially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy, and luxuriant growth. It is odorless, clean and easy to apply. It can be sown by hand, like grass seed.

100 lbs., \$5.00; 50 lbs., \$3.00; 25 lbs., \$1.75; 5 lbs., 50c.

### FLORANID

(Urea)

46% Nitrogen—equivalent to 55.9% Ammonia

Floranid is a rich nitrogen fertilizer, in which the nitrogen is in the same chemical form as in liquid manure. Twenty-two pounds of Floranid contain as much nitrogen as a ton of manure. Used principally during the growing season to obtain more rapid growth, richer color of foliage and greater brilliancy of bloom. Also excellent for house plants.

1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$5.00.

### Nitrate of Soda

Per lb., 8c; 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25.

### Acid Phosphate

100 lbs., \$1.75; 500 lbs., \$8.00; 1000 lbs., \$15.00.

### Sulphate of Ammonia

A nitrogenous fertilizer for lawn, garden or fruit.

100 lbs., \$4.90; 50 lbs., \$2.60; 25 lbs., \$1.50; 10 lbs., 70c; 5 lbs., 40c; less @ 9c lb.

### NITROPHOSKA

15-30-15

15% Nitrogen (18.2% Ammonia); 30% Available Phosphoric Acid; 15% Potash.

Nitrophoska is a concentrated, complete fertilizer containing all of the three essential plant-foods—nitrogen, phosphoric acid and potash. It is three to five times as rich in actual plant-food as the ordinary commercial fertilizer. "A little goes a long way." A wonderful fertilizer for lawns, shrubbery, flowers and vegetables.

1 lb., 50c; 5 lbs., \$2.00; 10 lbs., \$3.00; 25 lbs., \$5.00.

### Murite of Potash

100 lbs., \$3.75; 50 lbs., \$2.00; 25 lbs., \$1.10; 10 lbs., 55c; 5 lbs., 30c.

### Humus

An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with  $\frac{1}{2}$  to 2 inches of Humus and spaded in.

Per 5 lbs., 35c; 10 lbs., 60c; 25 lbs., 85c; 50 lbs., \$1.35; 100 lbs., \$2.25; 500 lbs., \$10.00;  $\frac{1}{2}$  ton, \$15.00; ton \$25.00.

## CASSEL'S DEPENDABLE SPRAYERS

**Brown's  
Auto-Spray  
No. 9**



**Brown's  
Auto-Spray  
No. 50**



Compressed air sprayer. This has been the standard for many years. It is strong and simple in construction. Equipped with a clog-proof nozzle, 4 gallon brass or galvanized tank, whichever preferred. Easily operated. Excellent for spraying trees, shrubs or vines with insecticides or oil sprays. Also used for whitewashing and disinfecting poultry houses and green-houses.

No. 9 D—Galvanized tank, with Auto-pop nozzle, \$5.90. Includes 22-inch brass spray rod.

No. 9 B—Brass tank, with Auto-pop nozzle, \$8.75. Includes 2 ft. Spray Rod.

This sturdy little machine is entirely suitable for spraying on a small scale. It is particularly recommended for use where weight is a factor as when women folk or children help out with the spraying. Built exactly the same as our 4 gallon sprayers, except tank is 2½ gallon capacity. 18-inch brass extension rod with each sprayer.

Auto-Spray No. 50 D, Galv. Tank .....\$5.00

Auto-Spray No. 50 B, Brass Tank .....\$7.25

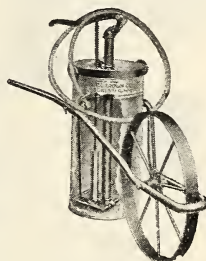
**Victory  
Sprayer  
No. 201 D  
\$4.85**



### Auto-Spray

#### No. 3 D.

It is adapted for orchards, vineyards and truck gardens for white washing poultry houses and dairy barns; spraying stock dips; treating ornamental shrubbery, flowers, etc. \$15.50.

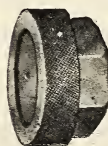


**Brown's Continuous  
Auto-Spray No. 26**

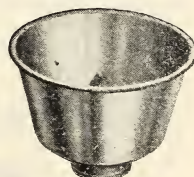
This Atomizer will spray insecticides in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. Handles all insecticides, fly and mosquito exterminators and floor oils. Tin Pump, Glass Jar, \$1.25.

### Single Acting Atomizers

Whirlwind, Tin ..... 50c  
Twin Blast Tin Pump, Glass Tank ..... 75c



**Non-Clog  
Nozzle, 75c**

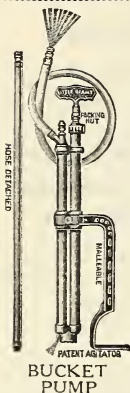


**Brass Strainer  
\$1.00**

2 ft. Brass Extension Rods ..... 50c  
45° Bends, ..... 25c  
Hose Clamps ..... 8c  
Male Ends for ½-inch hose ..... 35c  
Auto-pop and Nozzle ..... \$1.50  
Bordeaux Nozzle ..... 80c  
Crystal Dusters ..... \$1.25  
Cadet Dusters ..... 65c  
Major Dusters ..... \$1.25



# CASSEL'S DEPENDABLE FARM AND GARDEN SUPPLIES



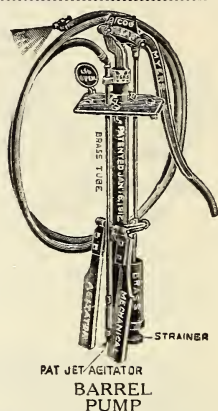
## Myers Barrel Cog Gear Spray Pump No. R 318

Equipped with mechanical agitator, brass cylinder, valve seats and discharge. Efficient in operation and reasonable in price. Pump only, without hose and nozzle, \$12.00.

## Myers Little Giant Bucket Spray Pump No. 327 1-2

Constructed entirely of brass with air-chamber, thus giving a continuous spray. Will throw a solid stream or a fine spray. Price, complete with hose and nozzle. \$4.30.

## Whirling Showers Lawn Sprinkler—\$2.50



## SPRAY HOSE

1/2 inch High Pressure, per ft., 20c.  
3/8 inch High Pressure, per ft., 17c

## GARDEN HOSE

3/8 inch, Moulded, per ft. 10c  
1/2 inch, Moulded, per ft. 12c  
3/4 inch, Moulded, per ft. 15c

## "Norcross" Cultivator- Hoes and Weeders

5-prong, 4 ft. handle ..... \$1.10  
3-prong, 4 ft. handle ..... 80c  
"Midget," 9 in. handle ..... 45c



## Bird's IMPROVED NEPONSET Flower Pots



	Doz.	100	1000
2 1/4 inch size .....	12c	55c	\$4.40
3 inch size .....	18c	90c	\$6.80
5 inch size .....	30c	\$1.95	\$16.75



2 oz. can 50c

## Earthen Pots—Select Stock

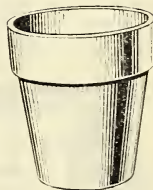
10 or More at 100 Price

4 inch, each	4c.	100	\$ 3.00
6 inch, each	10c.	100	8.00
8 inch, each	21c.	100	18.00
10 inch, each	42c.	100	37.00
12 inch, each	85c.	100	75.00

## Earthen Saucers—Select Stock

10 or More at 100 Rate

4 inch, each	3c.	100	\$ 2.25
6 inch, each	5c.	100	4.50
8 inch, each	9c.	100	8.25
10 inch, each	14c.	100	12.00
12 inch, each	21c.	100	18.00



## Great States Lawn Mowers

### Junior—Low Wheel

14 inch .....	\$9.75
16 inch .....	\$10.00
18 inch .....	\$10.50

### Senior—High Wheel

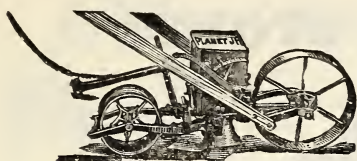
14 in. ....	\$11.50
16 inch .....	\$12.00
18 inch .....	\$12.50

## Japanese Beetle Traps

Porter Single .....	35c	Challenge Double, .....	\$1.50 ea.
Bait .....	25c per can	Suspension Rods .....	30c ea.

JAPANESE CANE STAKES (Dyed Green)—1000, \$9.50; less @ 1c each.

# CASSEL'S DEPENDABLE FARM AND GARDEN SUPPLIES



**Planet Jr. Seeder—No. 4D**

Plain, as seeder only ..... \$14.25

**Planet Jr. No. 4**

Combined hill and drill seeder,  
single wheel hoe, cultivator and plow.  
Complete, \$18.00.

**Planet Jr.  
Cultivator  
No. 119**

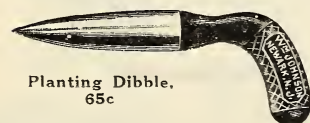
With plow, cul-  
tivator teeth and  
scuffle blade, 24"  
wheel, \$4.75.



**Goodwin Grass Shears,**  
newest and best. No. 20  
Jr., \$1.25; No. 10, \$1.75

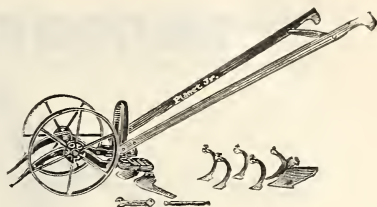


**Asparagus Knives ..... 55c**  
**Asparagus Bunchers ..... \$4.75**  
**Asparagus Tape ...see page 2.**



Planting Dibble,  
65c

**MAGIC WEEDERS,**  
No. B. B., 30c; No. A, 15c



**Planet Jr. Cultivator—No. 12**

Double wheel ..... \$10.75

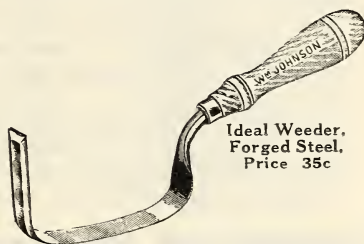
**Planet Jr. Cultivator—No. 17**

Single wheel ..... \$7.75

**Star Pulverizer - - - - \$3.00**

**No. R-6 Plow - - - - \$1.10**

Can Supply other **PLANET JR.** Tools  
and Parts on short notice.



**Ideal Weeder,**  
Forged Steel,  
Price 35c

**Grass Shears, No. R1108, 5½-inch  
blade, 55c.**

**Weeding Hooks, 5-prong, No.  
R443T, 12c.**

**Gardener's Favorite Weeder,**  
malleable steel, No. R466, 18c.

**Gardener's Favorite Trowel, long  
handle, No. R445, 22c.**

**Gardener's Favorite Fork, long  
handle, No. R446A, 25c.**

**Spading Fork, short handle, No.  
R444, 10c.**

**Pruning Shears, malleable, No.  
R533R, 50c.**



**Asparagus Knife**

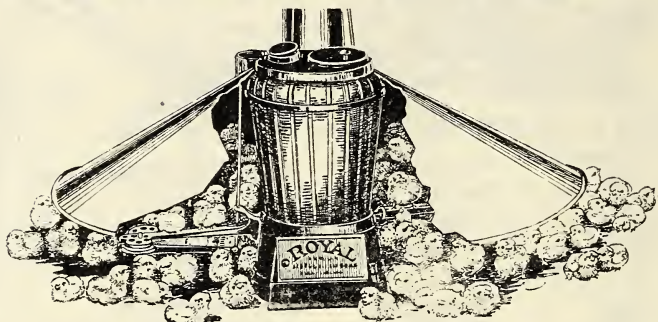
## Hand Garden Tools

Made durable in 1-piece  
pressed all stell.

Set of three ..... 55c  
Garden Trowel, each 20c  
Transplanting Trowel, 20c  
Garden Weeder, each, 20c



## BROODER STOVES



### Royal Brooders

Burn soft or hard coal or coke, rocker grate, self cleaning; large coal capacity, wide grate with ribbed firepot. Double draft and thermostat control.

No. 1— 250 Chick Size, 42 inch hover .....	\$12.00
Coal Capacity—23 lbs.	
No. 5— 400 Chick Size, 52 inch hover .....	\$17.00
Coal Capacity—36 lbs.	
No. 6— 700 Chick Size, 56 inch hover .....	\$21.00
Coal Capacity—46 lbs.	
No. 7—1000 Chick Size, 60 inch hover .....	\$26.00
Self Feeding Coal Magazine. Coal Capacity—73 lbs.	

### Improved Buckeye Colony Brooders

Extra large coal capacity, burns soft or hard coal. Has double check draft increasing efficiency and eliminating waste of fuel. Revolving hover, thermostat heat control.

No. 118— 500 Chick Size, 52 inch hover .....	\$21.00
No. 119—1000 Chick Size, 56 inch hover .....	\$26.00

### Newtown Brooders

Efficient with soft or hard coal assuring super-abundance of heat. Self-feeding coal magazine insuring correct warmth for every chick. No chilling or overheating.

No. 11—500 Chick Size, 50 inch hover .....	\$32.50
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### “Rite-Heat” Oil Burning Brooders

Furnished on Special Order

No. 103—Capacity, 500 Chicks .....	\$33.50
No. 104—Capacity, 1000 Chicks .....	\$37.50

#### Brooder Wafers

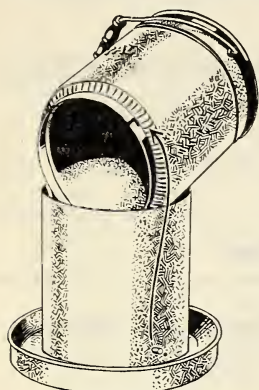
3 inch, each, 50c

BLACK STOVE PIPE, 2 ft. lengths,	
4 inch .....	26c each
5 inch .....	28c each

#### Thermometers

For Incubator .....	75c
For Brooder .....	50c
For Brooder, Long Type .....	80c
ROYAL ROOF FLANGE, 5-in.,	\$2.50





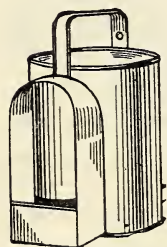
Fountain No. 10

## Royal Cleanable Thermic Fountain No. 10

See Illustration—5 gallon size, \$3.75.

## Royal Thermic Fountains

Sanitary, non-freezing. Walls packed with efficient insulating material. Keeps water warm in winter and cool in summer. We guarantee them to give satisfaction or they may be returned to us within ten days and money will be refunded. 2 gal., \$2.30; 3 gal., \$2.60; 5 gal., \$3.25. Special price on half dozen and dozen lots. See illustration below.

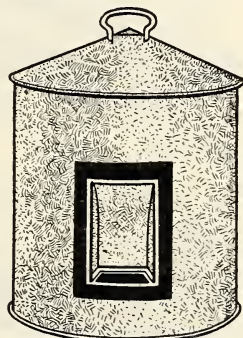


Hooded Fountain

**HOODED CLEANOUT FOUNTAIN**—Galvanized No. 68, 1 gal., 90c; No. 69, 2 gal., \$1.10.

**HOODED WALL FOUNTAINS**—Galvanized,  $\frac{1}{2}$  gal., 60c; 1 gal., 80c; 2 gal., 95c.

**EARTHEN FOUNTAINS**—Round, with removable top. 1 gal., 65c; doz., \$7.20; 2 gal., \$1.00;  $\frac{1}{2}$  doz., \$5.70; doz., \$10.80.



Thermic Fountain

**BOTTOM FILL CONE TOP FOUNTAINS No. 75**—1 gal., 45c each;  $\frac{1}{2}$  doz., \$2.55; doz., \$4.85.

No. 50—2 qt., 37c each;  $\frac{1}{2}$  doz., \$2.10; doz., \$4.00.

No. 25—1 qt., 30c each;  $\frac{1}{2}$  doz., \$1.70; doz., \$3.25.

**CLEANOUT FOUNTAINS, Bucket Style**—Convenient and desirable. Galvanized.

No. 203—3 gal. size, \$1.45 ea.

No. 205—5 gal. size, \$1.90 ea.

**TIN BUTTERMILK CLEANOUT FOUNTAIN, Bucket Style**—

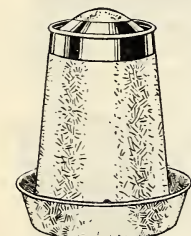
Charcoal tin insures safety for Buttermilk. See illustration.

No. 303—3 gal. size, \$1.85.

**MASON JAR CHICK FOUNTAINS**—Pan only. Will fit any standard jar. Galvanized or enamel, 10c each; doz., \$1.10. **Mason Jar Buttermilk Fountains**, made of Charcoal Tin insuring safety when using for Buttermilk. Each, 12c; doz., \$1.25.

**FELKER FOUNTAINS**—Galvanized, cleanable. 1 qt., 35c; 5 qt., 90c; 10 qt., \$1.25.

Felker Handy Jar Fountain No. 242—25c each.



Bottom Fill Cone Top Fountain



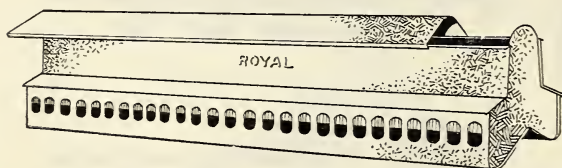
Jar Chick Fountain



Bucket Style Cleanout Fountain

# CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES

## No Waste Feeder

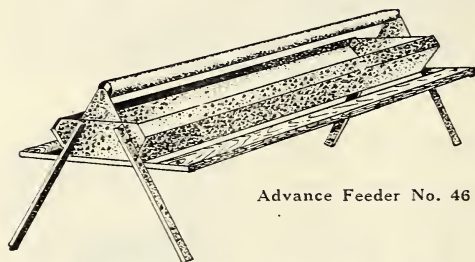


Just what is needed to economically feed Chick Starter and Growing Mash Foods.

No. 263—36 in. long, 54 holes, 18 qts., \$1.80. No. 284—48 in. long, 72 holes, 24 qts., \$2.35.

## Royal Leader Chick Hopper

No. 42—24 in. length ..... \$1.15    No. 63—36 in. length ..... \$1.65



Advance Feeder No. 46

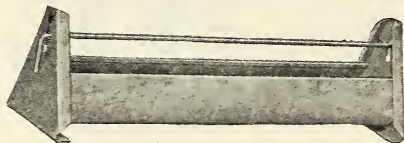
## Advance Feeder

No. 46—4 ft., \$3.65

## Royal Combination Hopper

Similar to No Waste Feeder illustrated above, having flat holes. Large Capacity—Adjustable Sides  
No. 636—36 in., 26 qt. cap., \$2.95  
No. 648—48 in., 35 qt. cap., \$3.95

## BOTTOM FILLED MILK FEEDERS—No. 76 Charcoal Tin, 48c.



## Open Chick Trough No. 240

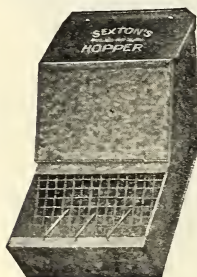
Each ..... 30c  
½ doz. .... \$1.70  
Dozen ..... \$3.20

## Galvanized Feed Troughs

Reinforced, convenient and inexpensive. Holes punched in a way that eliminates sharp edges.



No. 224—24 in. long, 40c ea.; dozen, \$4.50  
No. 218—18 in. long, 30c ea.; dozen, \$3.40  
No. 212—12 in. long, 22c ea.; dozen, \$2.40



Sexton Mash Hopper

## SEXTON DRY MASH HOPPERS—

Small, 90c; medium, \$1.45; large, \$2.35.

GRIT AND SHELL HOPPERS—Galvanized. Small, 3 compartment, 85c; large, 4 compartment, \$1.05.

COLLINS OAT SPROUTERS—Five pan, \$2.50; 8 pan, \$3.20.

TIN HAND SCOOPS — Wooden handle, \$1.20 each.



Grit and Shell Hopper

## Keepsafe Egg Preserver

Pt., 22c; qt., 38c. Quart can preserves 20 dozen eggs. Efficient and economical. Keeps eggs safely for eight months.

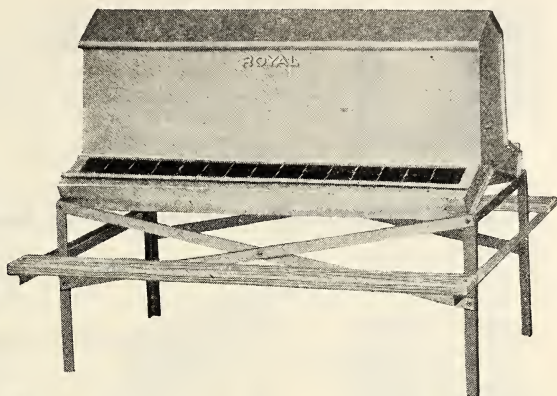




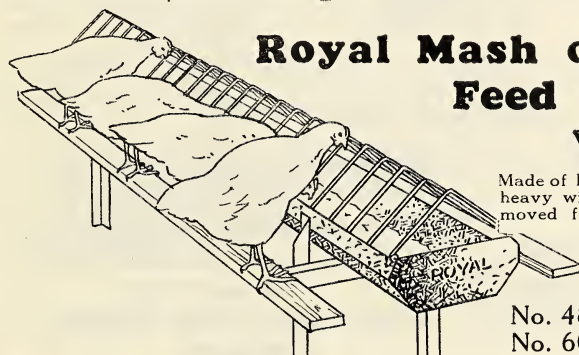
## Mammoth Mash Hopper

Made from heavy galvanized iron to hold 100 lbs. mash food. Stand made of galvanized angle iron with wooden bars for fowls to stand on. Length 36 inches.

No. 85 — \$7.50



## Royal Mash or Green Feed Trough With Stand



Made of heavy galvanized iron with heavy wire hinged top, easily removed from stand for filling or cleaning. Stand made of heavy galvanized iron with wooden perches.

No. 48—4 ft. long, \$3.25

No. 60—5 ft. long, \$3.75



**Clean--Powerful--Safe**

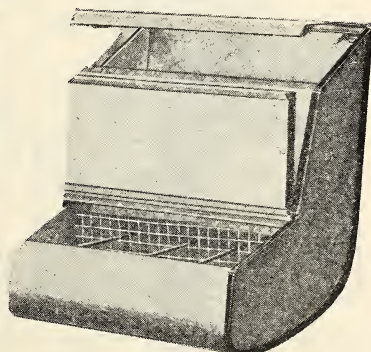
**DISINFECTANT**

**DEODORANT**

**ANTISEPTIC**

A powerful non-poisonous germicide with 10 times the germ destroying power of carbolic acid. Deoderizes and purifies. Highly recommended for Poultry and Dairy use; especially valuable for White Diarrhea in chicks.

10 oz., 60c; qt., \$1.25; gal., \$3.00;  
5 gal., \$12.50.



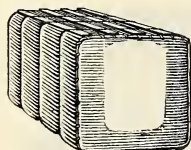
### Royal Mash Hopper

Accurately made of extra heavy galvanized prime sheets, double seamed. Hopper being larger at the bottom than at the top prevents clogging of feed. Has adjustable screen and wire agitators. Holes in back of hopper for hanging on wall. Fowls cannot roost on hopper.

No. 81—12 in. long, 14 qt. .... \$1.70  
No. 82—18 in. long, 22 qt. .... \$1.95  
No. 83—24 in. long, 32 qt. .... \$2.30  
No. 84—36 in. long, 45 qt. .... \$3.75



## CASSEL'S DEPENDABLE POULTRY SUPPLIES



Peat Moss

### PEAT MOSS

For Poultry Litter, Lawn and Shrubbery.  
Bale, \$2.75; 5 bales @ \$2.65 per bale;  
10 bales @ \$2.55 per bale.



Cyclone Fountain

### CYCLONE FOUNTAINS—Cleanout Bucket Style

No. 202 C, 2½ gal. ....	\$1.30
No. 203 C, 3 gal. ....	\$1.45
No. 205 C, 5 gal. ....	\$1.90

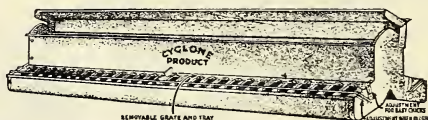


Cyclone 2-piece Waterer

### Cyclone 2-Piece Waterers

No. 18 C, 1 gal. ....	60c
No. 28 C, 2 gal. ....	85c

Here is a practical moderate priced fountain. The unique bottom snaps quickly on and off cylinder, keeps small chicks out of water yet is readily accessible for the large fowls. Bottom fits tightly to cylinder preventing slopping when inverting.



Dependable Feeder

### Dependable Feeders

No. 240C, 40", 30 lb. cap. ....	\$1.95
No. 230C, 30", 21 lb. cap. ....	\$1.65

Water Proof—Adjustable Guard  
Hinge Cover—Moderate Priced

### Can't Clog Dry Mash Feeders

No. 37—32 Qt. Capacity

**\$3.40**

A most compact and efficient feeder made for the laying hens or matured flock. It takes very little room yet offers over four feet feeding space. So constructed that it won't clog nor allow the hens to waste feed. Substantially built from heavy galvanized iron, and supported by an adjustable channel iron frame.

### Jumbo Feeder

No. 1--\$4.75

100 lb. Capacity

Built for large flocks.

Easily filled.

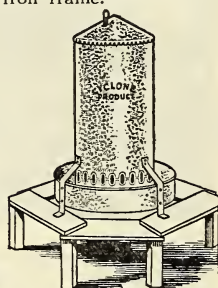
Sturdy construction.



Can't Clog Feeder

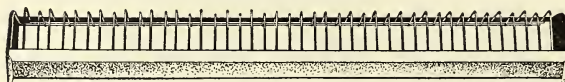
Has holes at bottom of cylinder so that fowls can pick at feed to prevent clogging. Deep trough prevents wasting. Equipped with handle, cone top, and iron legs.

Stand is not furnished with feeder.



Jumbo Feeder

Does Not Include Stand



### Royal Adjustable Feed Trough

For Growing Chicks—No. 44, 44 in. length ..... \$1.65

## CEL-O-GLASS

For Chicken Houses, Hotbeds, Etc.

Especially desirable for use in raising chicks on account of the Ultra-Violet Rays passing through this material.

Sq. ft., 13c; roll of 25 ft., (75 sq. ft) or over, 12½c per sq. ft.

## FLEX-O-GLASS

A coated cloth permitting the Ultra Violet Rays to pass through. Less expensive but not as durable as Cel-O-Glass.

Price 30c per sq. yd.; 10 sq. yds. or over @ 29c per sq. yd.



Handy Scraper—\$1.25

## Cardboard Egg Boxes

3x4 FLAP COVER, \$7.50 per 1000; \$1.88 per 250; less @ 1c each.

3x4 TELESCOPE LOCK TOP, no string needed, \$8.50 per 1000; \$2.13 per 250, less @ 1c each.

2x6 TELESCOPE LOCK TOP, \$11.25 per 1000; \$2.82 per 250; less @ 1¼c each.

Extra for special printing on egg boxes—1000, \$1.50; 5000 @ 75c M.

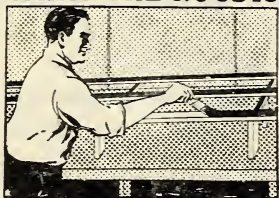
### Kow Kare

Small cans, 55c; large cans, \$1.00; dozen, \$10.50.

### Nest Eggs

Non-breakable, white enameled wood, doz., 55c; each 5c.

## 'PAINT' THE ROOSTS



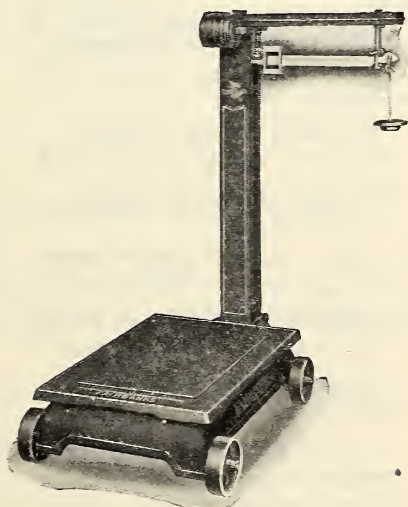
**WITH "BLACK LEAF 40"**

1 oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 4 lbs., \$6.25; 6 lbs., \$9.00; 10 lbs., \$11.85.

## Fairbanks Single Beam Portable Platform Scale No. 1128

Capacity 500 lbs., Beam graduated 50 by ¼ lb. Platform size 16x25 inches. Especially desirable for farmers' use.

**\$19.00**



### Bag Balm

Can 60c.

## CASSEL'S DEPENDABLE POULTRY SUPPLIES



1 gal., \$1.60; 5 gal., \$7.00; 10 gal., \$13.00; 30 gal., \$33.00; 55 gal., \$55.00.

### **Sterilac Germ Destroyer**

2 oz. bottle, \$1.00; 8 oz., \$2.50; 5 lb. can, \$16.75.

### **"BK" Germ Destroyer**

10 oz., 60c; 1 qt., \$1.25; 1 gal., \$3.

### **Cassel's Roup Preparation**

Effective, dependable, especially when throat is affected. Dissolve in drinking water. Sold for many years with excellent results.

Lb., 60c; 6 lbs., \$3.30.

### **Reliable Insect Powder**

This we believe is the most effective insect powder offered although cost is higher than the ordinary powders. It can always be depended upon for the destroying of chicken lice.

Lb., \$1.00; 1/2 lb., 55c; 1/4 lb., 35c.

### **Dependable Lice Powder**

Effective for eliminating lice on chicks and grown fowls, etc.

Lb., 50c; 1/2 lb., 30c; 1/4 lb., 20c.

### **Dr. Hess Poultry Pan-a-min**

3 lbs., 50c; 7 lbs., \$1.00; 12 lbs., and over @ 10c lb.; 100 lb. drum, \$9.00.

### **Dr. Hess Poultry Vermitrol**

1 1/2 lbs., 50c; 4 lbs., \$1.25; 25 lb. pails, \$6.25.

### **Dr. Hess Chick Tablets**

Small pkg., 50c; large pkg., \$1.00.

### **Dr. Hess Poultry Tablets**

Package, 50c.

### **Dr. Hess Instant Louse Killer**

Package, 25c

### **Dr. Hess Improved Stock Tonic**

5 lbs., 75c; 25 lb. pails, \$3.00.

### **Conkey's Roup Remedy**

Package, 30c.

### **Conkey's**

### **\* White Diarrhea Remedy**

30c pkg. and 60c pkg.

### **Phenolene**

#### **Lice Killer - Disinfectant**

An extra high quality material for diluting with water.

Pt., 40c; qt., 60c; gal., \$1.50; 5 gal., \$7.25.

### **CARBOLA**

A disinfecting whitewash.

5 lbs., 75c; 10 lbs., \$1.20; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00.

### **Multum in Parvo**

#### **Poultry Powder**

For Cholera and Roup in eyes and head. An excellent conditioner. Sold for many years with excellent results.

Lb., 50c; 6 lb., \$2.70.

### **Tobacco Powder**

Extra high quality for the elimination of large and small worms in poultry.

1 lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

### **Lee's Germozone (liquid)**

12 oz. bottle, 75c; 32 oz. bottle, \$1.50; 1/2 gal., \$2.50; 1 gal. \$4.50.

### **Lee's Vapo-Spray**

1/2 gal., \$1.25; 1 gal., \$2.00.

### **Lee's Flu-Koff Emulsion**

12 oz. bottle, \$1.00; 32 oz. bottle, \$2.00; 1/2 gal., \$3.50.

### **Lee's Gizard Capsules**

#### **for Worms (Adult Size)**

50 capsules, \$1.00; 100 capsules, \$1.75; 250 capsules, \$4.00; 500 capsules, \$7.00; 1000 capsules, \$12.00.

#### **(Chick Size)**

50 capsules, 65c; 100 capsules, \$1.00; 250 capsules, \$2.50; 500 capsules, \$4.50; 1000 capsules, \$8.00.

### **Lee's Liquid Lice Killer**

1 gal. can \$1.50.

### **Lee's Louse Powder**

1 lb., 25c.

### **Pratt's Poultry Regulator**

25c and 50c pkgs.; 10 lbs. and over @ 10c lb.; 100 lb. drum, \$9.00.



**CHICK MANNA STARTS CHICKS RIGHT**



**CASSEL'S**

# **F. P. C. CHICK MANNA**

For Starting

**Chicks - Turkeys - Pheasants - Ducks**

**Produces Quick Growth—Strong Development**

**Insures Success and Profit**

This is the original, specially prepared First 10 Days Food for starting Baby Chicks, Turkeys, Pheasants and Ducks, strong healthy and vigorous. It is distinctly different from other chick feeds.

It is a clean, wholesome, nutritious, honest food, being prepared with great care as to quality and quantity of each article that is used in the makeup, and has so fully met the needs of the chicks that the formula has never been changed since first manufactured in 1884.

## **The Standard Baby Chick Food Since 1884**

Baby Chicks' delicate digestive organs require a special prepared food properly balanced to meet the entire needs of their little bodies during the most critical period.

It regulates and strengthens chicks' fine, tender digestive organs and aids in the prevention of those fatal attacks of bowel trouble and other chick ailments. It comprises a variety of nutritious foods and health-preserving properties, so proportioned and combined as to be peculiarly adapted to promote health, quick growth and strong development which means profit in broilers and early layers and makes winning show birds. Especially valuable for raising chicks in Winter and Early Spring.

**"They Like It and Thrive Wonderfully on It."**

Chick Manna is an economical food in that it accomplishes its purpose in giving chicks a strong, healthy, vigorous start if fed for the first 10 days, during which time chicks eat a small amount of food.

## **For Feeding Dry or Moistened**

Feeding Chick Manna will cost about 1 cent per chick for the first 10 days to start them right. The saving of 50 chicks should more than pay the cost of enough to feed about 1000 chicks for the first 10 days.

Five pounds should feed about 75 chicks for the first week; 60 pounds about 900 chicks; 100 pounds about 1,500 chicks, and 500 pounds about 7,500 chicks for the first week.

100 lbs., \$5.90; 50 lbs., \$3.15; 25 lbs., \$1.75; 15 lbs., \$1.40; 5 lbs., 55c; 3 lbs., 35c; 1 lb., 12c

**Always Dependable - Satisfaction Guaranteed or Money Back**

## **Norwegian Cod Liver Oil**

Vitamine Tested, Steam-Refined, U. S. P., Highest Medicinal Quality that is sold for human use, pale straw color (this is the quality we recommend).

Pt., 35c; Qt., 55c; Gal., \$1.65 in customer's cans; tin lined barrel of 30 gals., \$42.00. Barrel free.

Vitamine Tested, U. S. P., for Poultry—Pale straw color, \$1.40 per gal.; \$37.00 per barrel.

TIN CANS—1 gal. size, 15c; 5 gal. size, plain, 40c; crated, 70c.

**CASSEL'S CHICK STARTER IS DEPENDABLE**

# **"DEPENDABLE" CHICK STARTING FOOD**

**For Chicks—Turkeys—Pheasants—Ducks**

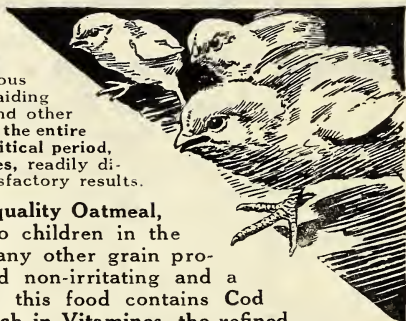
**Feed dry for the first 6 to 8 weeks**

**Contains Cod Liver Oil, Buttermilk and Necessary Minerals**

**100 lbs., \$4.20; Ton, \$82.00**

**One-half Ton at Ton Rate.**

This food is composed of just the right combination of wholesome and nutritious food materials carefully selected, of the highest qualities, properly balanced to give the baby chicks the strong, healthy vigorous growth, protecting them from disease and aiding in preventing the dreaded bowel trouble and other chick ailments. It is a complete food to meet the entire needs of the Baby Chick during the most critical period, containing necessary minerals and vitamins, readily digested, and has proven to produce most satisfactory results.



It has a liberal portion of pure table quality Oatmeal, just the same quality that is given to children in the home. This is more digestible than any other grain product (96% available); it is soft and non-irritating and a valuable muscle builder. Then too, this food contains Cod Liver Oil of the very highest grade, rich in Vitamines, the refined U. S. P. medicinal quality for human use, in sufficient quantity to help assimilate the other foods and aid in the prevention of Rickets, leg weakness and toe picking, and furnishes nourishment to build strong, healthy bodies. Cod Liver Oil is especially important when raising chicks during winter and early spring as it has the same effect as sunshine.

The high quality Buttermilk and Skim Milk are appetizers, rich in protein and valuable lactic acid which aids in digestion and keep the tender digestive organs clean and healthy, and builds flesh. Aids in preventing Coccidiosis. Sterilized Steamed Bone provides the elements needed for the development of bone and nerve. Only specially selected quality corn is used in its make-up and we secure this from sections that have produced the best available quality. The Middlings are selected especially for adaptability for baby chicks, rich in vegetable protein.

In addition to these ingredients mentioned, it contains high grade meat, fish meal, sulphur, calcium carbonate and aniseed. Uniformly and thoroughly mixed, with the high quality and careful preparation constantly maintained, backed by our 46 years' experience and reputation in the making of baby chick feeds that have been the standard since 1884.

You are assured of this food being fresh mixed, which is so important in feeding baby chicks to secure successful results. Chick starters that have been carried over from stock of a previous season should be avoided. Having this fresh mixed nearby is a decided advantage over western ready-mixed chick starters.

## **SPECIAL MIXTURE FOR COCCIDIOSIS**

For the convenience of our customers, in overcoming Coccidiosis, we can supply the following mixture which we recommend as the proper amount of milk needed:

**65 lbs. Dependable Chick Starting Food with addition of 35 lbs. DRIED MILK.—100 lbs., \$5.85.**

We advise using Our Mixed Cracked Grains for chicks in connection with Dependable Starter—see opposite page.

## **Dependable Chick Growing Mash Food**

Contains Cod Liver Oil, Buttermilk and Necessary Minerals

**Develops Chicks Strong and Sturdy Into Heavy Egg Producers.  
Quality Unsurpassed**

100 lbs., \$3.60; ton, \$68.00

This growing food is prepared with the same special care and uniform selected quality and mixing as our starters and made from only the most carefully selected high grade materials, low in fiber, balanced in right proportions to give vigor and energy and to provide that which is needed for rapid, strong development of muscles, bone and vital organs and to produce rich blood, firm flesh and good plumage, resulting in strong, husky, healthy, fully matured pullets ready for large egg production.

You may always be sure that the quality of this Dependable Growing Mash Food is of the highest, wholesome and nutritious, and pullets fed on this good ration grow into good layers of eggs that are well formed and excellent for hatching, if the feeding of Dependable quality feeds is continued.

The contents of this food is just what is needed, with plenty of minerals and vitamins: Buttermilk, Cod Liver Oil, medicinal quality, U. S. P., rich in vitamins, not to be confused with cheap oils that are often used for poultry; table quality Oatmeal, the same as is bought for family use; Skim Milk, Corn Meal, Pure Wheat Middlings, Meat, Fish, Sterilized Steamed Bone and other nutritious health producing materials.

After having started your chicks on our high grade starter, it is important to continue their growth and development by feeding this Growing Mash of unsurpassed quality. Feed this from the time you discontinue the starter until changing to Dependable Egg Mash.

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### **Special Mixture for Coccidiosis**

For the convenience of our customers in overcoming Coccidiosis we can supply the following mixture which we recommend as the proper amount of milk needed.

**65 lbs. Dependable Chick Growing Mash Food with addition  
of 35 lbs. Dried Milk—100 lbs., \$5.50.**

---

### **Mixed Cracked Grains for Chicks**

100 lbs., \$3.25; ton, \$63.00

Use this in connection with Starting Food for about five weeks. The materials are all of high quality, strictly sound and sweet, which is so important to the successful raising of chicks. Contains no grit, no shell or screenings, which may be procured at a less cost than chick feed. Thoroughly recleaned.

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### **Mixed Grains for Developing Chicks**

100 lbs., \$3.10; ton, \$60.00

Use in connection with Growing Mash after chicks are four to five weeks old and continue for three months. Contains only sound quality materials, properly balanced for quick growth. No shell, grit, or screenings. Thoroughly recleaned.



## **Dependable Egg Mash Food**

Contains Cod Liver Oil, Buttermilk and Necessary Minerals

Keeps Hens Healthy and Increases Egg Production

Superior Quality—Profitable Results

100 lbs., \$3.40; ton, \$66.00

If profitable egg production is wanted, hens must be fed on the right egg forming food materials. Dependable Egg Mash Food is composed of 20 high quality selected ingredients properly balanced with the right kind of needed minerals and vitamins and both animal and vegetable protein which may be easily assimilated for abundant egg production and to be eagerly eaten by the hens, thus keeping them in a healthy, vigorous condition.

Contains only high grade materials. The COD LIVER OIL is medicinal quality, U. S. P., not to be confused with cheap oil often used for poultry. Fine ground Oatmeal which is so essential is of the table quality; Buttermilk and Skim Milk as an appetizer and to supply lactic acid to keep the digestive organs clean and healthy; Alfalfa Meal for vegetable protein and rich in natural minerals; Fish and Meat for animal protein; Special Pure Wheat Middlings and other nutritious, health producing materials.

Our customers have been reporting most excellent results and we do not believe there is a higher quality egg mash food offered on the market. It is entirely a quality feed and the price at which we offer it is reasonable.

For more eggs and healthy hens, keep DEPENDABLE EGG MASH FOOD before your hens at all times.

## **Mixed Grains for Poultry—Formula No. 1**

100 lbs., \$2.90; ton, \$56.00

Comprises a variety of sound selected grains properly balanced for a Scratching Feed, containing a limited amount of Cracked Corn. No shell, no grit, no screenings. Recleaned to remove dust, hulls and fine materials.

## **Mixed Grains for Poultry—Formula No. 2**

100 lbs., \$2.75; ton, \$53.00

A Scratch Feed made of sound grains with a liberal quantity Cracked Corn. Contains Oats which our No. 1 Formula does not include. No grit, no shells. Recleaned.

All Prices on this page are F. O. B. Lansdale. Bags Free.

## **Condensed Buttermilk**

Our stock is of highest quality, uniform and NOT LUMPY. Easily and quickly mixed with water. We have not found any other make equal to this stock.

In barrels at \$4.50 per 100 lbs.

½ bbl. @ \$5.00 per 100 lbs.—¼ bbl. @ \$5.75 per 100 lbs.

### **Butter Milk**

### **Skim Milk**

Flake Dried—Selected Stock

100 lbs., \$9.00

### **Celluloid Legbands**

Assorted colors. Leghorn, Rock and Duck sizes, 50c per 100; 50 @ 30c; 25 @ 20c; less than 25 @ 1c each.

Pigeon and Chick sizes. 35c per 100; 50 @ 20c; less at ½c each.

~~~~~  
**THE QUALITY OF OUR FEEDS IS UNEXCELLED**  
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## **Dependable Mixed Feeds For Pigeons**

All our mixed feeds offered below consist of strictly high quality feeds, properly balanced, and are thoroughly re-cleaned before being bagged, thus removing hulls, dust and fine material.

Our success in the preparing of mixed foods for pigeons, chicks and poultry is built on our earnest endeavor to give the highest quality materials in all our high-grade mixtures. Less than 100 lbs., slightly higher. Prices subject to change.

All Prices on this page are F. O. B. Lansdale. Bags Free

### **Mixed Grains for Pigeons**

FORMULA "WP"

Contains: Whole Corn, Wrinkled Peas, Kaffir, Millet, Hemp, Flax, Hard Wheat.  
100 lbs., \$3.10; ton, \$60.00

### **Mixed Grains for Pigeons**

FORMULA "NC"

Contains: Canadian Peas, Kaffir, Millet, Hemp, Hard Wheat.  
100 lbs., \$3.60; ton, \$70.00

### **Mixed Grains for Pigeons**

FORMULA "FC"

Excellent for Racing Birds. Contains: Flint Corn, Canadian Peas, Kaffir, Oatgroats, Vetch, Hemp, Hard Wheat, Millet.

100 lbs., \$3.80; ton, \$74.00

### **Mixed Grains for Pigeons**

FORMULA "DC"

Contains: White Peas, Hemp, Kaffir, Hard Wheat, Domestic Corn.  
100 lbs., \$3.25; ton, \$63.00

### **Foust's Health Grit**

For Pigeons—100 lbs., \$1.85.

### **Red Cross Grit**

For Pigeons—100 lbs., \$2.10.

### **Economy Colored Pigeon Bands**

Double numbered. 100 (50 pairs) \$1.40; less than 50 (25 pairs) @ 2c per band.



Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 5 days from date of purchase and amount paid will be refunded.

## **Cassel's "Dependable" Feeds**

**Current Prices - Feb. 15, 1930**

The market on Feed is variable, therefore, prices given on this sheet are values at the time of our going to press, and are strictly subject to change without notice; also subject to our confirmation and stock being unsold on receipt of order. Ask for firm quotations when ready to buy. All bags are included without extra charge and prices are f.o.b. Lansdale. Terms cash at time of getting feed. On quantities of less than 100 lbs. prices are slightly higher. Ton prices on request.

	100 lbs.		100 lbs.
Wheat—Hard .....	\$ 2.60	Ground Limestone .....	1.00
Wheat Bran .....	1.95	Beef Scrap, 50% protein .....	3.75
Wheat Middlings .....	2.25	Beef Scrap, 55% protein .....	4.00
Corn—Recleaned .....	2.25	Fish Meal, 60% protein .....	4.10
Flint Corn .....	3.35	Bone Meal—Sterilized Steamed .....	3.50
Cracked Corn .....	2.35	Buttermilk—Flake Dried .....	9.00
Corn Meal .....	2.35	Powdered Skim Milk .....	9.00
Gluten .....	2.50	Oil Cake Meal .....	3.40
Kaffir .....	2.50	Cottonseed Meal .....	2.90
Milo .....	2.60	Beet Pulp .....	2.70
Oats—Heavy .....	2.45	Bird Millet, red and yellow .....	4.50
Chopped Oats .....	2.50	Bird Vetch .....	6.50
		Hemp Seed .....	4.75
Pinhead Cut Oatmeal .....	3.40	Sunflower—lb. 12c .....	9.00
Oat Groats .....	3.40	Rape Seed—lb., 12c .....	9.00
Rolled Oats .....	3.40	Flax Seed—lb., 12c .....	9.00
Fine Ground Oatmeal .....	3.40	Canary Seed—lb., 12c .....	9.00
Alfalfa Leaf Meal .....	3.40	Canary Mixture—lb., 12c .....	
Buckwheat .....	3.10	Thistle or Niger—lb., 25c .....	
Barley .....	2.40	Poppy or Maw—lb., 22c .....	
Rice .....	4.50	Silver Bird Gravel—lb., 4c .....	
Canadian Peas .....	5.30	Oyster Shell—3 sizes .....	1.00
White Peas .....	4.75	Oyster Shell Meal .....	.60
Wrinkled Peas .....	3.25	Mica Crystal Grit—3 sizes .....	1.00
Ful-O-Pep Chick Starter .....	4.25	Red Cross Grit for pigeons .....	2.10
Ful-O-Pep Growing Mash .....	3.60	Foust Health Grit for pigeons .....	1.85
Ful-O-Pep Egg Mash .....	3.45	Fos-For-Us Grit .....	1.50
Schumacher Feed—Sugared ...	2.25	Charcoal—4 sizes .....	2.75
		Charcoal—lump @ 6c lb. ....	4.50
Dependable Dairy Feed .....	2.75	Salt—Feeding .....	1.20
Green Cross Horse Feed .....	2.50	Salt—Free Running Table .....	2.20
Blatchford's Calf Meal .....	5.95	Salt—Rock @ 3c lb. ....	2.50
Dried Brewers' Grains .....	2.55	Salt Bricks—22c each—doz. ...	2.25

**(ALL FEEDS ARE OF BEST QUALITIES)**



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## PLANTING GUIDE

### Vegetable and Flower Seeds

Based on favorable spring weather conditions.

**FEBRUARY**—House or hotbed. Early Cabbage, Cauliflower, Pepper, Egg Plant, Tomato, Chinese Celery Cabbage.

**MARCH**—House or hotbed. Lettuce, Parsley, Radish, Kohl Rabi, Celery, Muskmelon, Cucumber, Flower Seeds. Cold frames: Beets, Cabbage, Celery, Cauliflower, Head Lettuce, Parsley, Radish, Kohl Rabi, Carrot, Onion. In open ground: Sweet Peas, Smooth Early Peas, Radish, Early Potatoes, Lettuce.

**APRIL**—In open ground: Asparagus, Asparagus Roots, Beet, Broccoli, Brussels Sprouts, Carrot, Celeriac, Celery, Chicory, Chinese Cabbage, Corn Salad, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Onion, Onion Sets, Parsley, Parsnip, Early Peas, Rhubarb Roots, Radish, Sorrel, Spinach, Swiss Chard, Turnip, Dandelion, Collards, Potatoes, Horse Radish Roots, Mustard, Rhubarb Roots, Lawn Grass Seed.

**MAY**—Asparagus Seed, Bush Beans, Pole Beans, Lima Beans, Peas, Sweet Corn, Muskmelon, Watermelon, Parsnips, Pumpkin, Squash, Cucumber, Salsify, Chicory, Okra, Peanuts, Sweet Potatoes, Herbs, Mangle Beets, Broom Corn, Winter Cabbage, Cauliflower, Rhubarb, Pepper Plants, Tomato Plants, Flower Seed, Gladiolus, Cannas, Dahlias, Tuberoses, Calladiums, Peonies, Nasturtium.

**JUNE**—Cress, Kale, Kohl Rabi, Lettuce, Summer Radish, Chicory, Winter Beans, Carrots, Chinese Cabbage, Gladiolus.

**JULY**—Bush Beans, Winter Beets, Lettuce, Turnip, Ruta Baga, Winter Radish, Spinach, Endive, Late Peas, Cabbage Plants, Gladiolus.

**AUGUST**—Kale, Mustard, Winter Radish, Spinach, Perennial Flowers.

**SEPT. and OCT.**—Asparagus Roots, Rhubarb Roots, Winter Onion Sets, Corn Salad, Spinach, Peonies, Hyacinths, Tulips, Crocus, Narcissus.

### Farm Seeds

**MARCH**—Red Clover, Alsike, White Blossom Sweet Clover, Timothy.

**APRIL**—Potatoes, Oats, Spring Rye, Spring Wheat, Speltz, Canadian Field Peas, Barley, Spring Vetch, Blue Grass, Herd Grass, Dwarf Essex Rape.

**MAY**—Sudan Grass, Soja Beans, Cow Peas, Sorghum or Amber Cane, Field Corn, Popcorn.

**JUNE**—Millets.

**JULY**—Buckwheat, Sand or Hairy Winter Vetch, Crimson Clover.

**AUGUST**—Timothy, Clover, Alsike, Permanent Grass Mixtures.

**SEPTEMBER**—Timothy, Winter Rye, Winter Wheat.

**ALL PRICES SUBJECT TO CHANGE**

**49 YEARS  
DEPENDABLE SEED SERVICE  
FOUNDED 1881**

**CASSEL'S DEPENDABLE  
SEEDS — FEEDS  
POULTRY AND FARM SUPPLIES**

**ARE SOLD ON A "MONEY BACK PLAN." IF ANY  
MERCHANDISE YOU BUY FROM US DOES NOT PLEASE  
YOU—RETURN IT WITHIN FIVE DAYS AND AMOUNT  
PAID WILL BE REFUNDED.**

**CASSEL'S SEED STORE  
F. P. CASSEL'S SON  
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